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ART OF WAR

STRATEGIC ★ PUZZLES

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INSIDE
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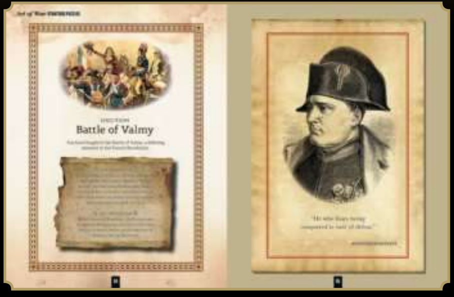

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FUTURE

ART OF WAR
STRATEGIC ★ PUZZLES

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LEG VI

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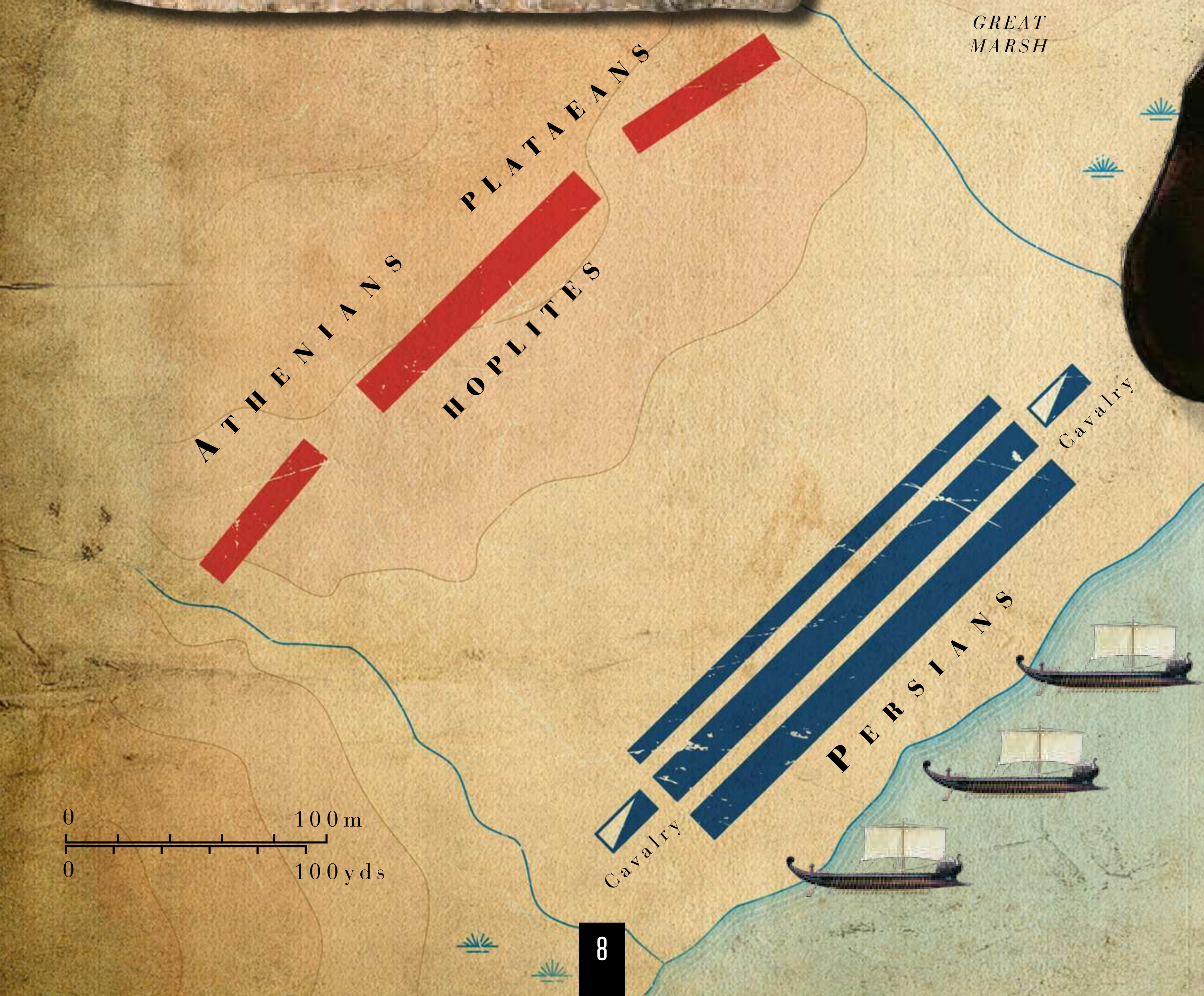
TAKE COMMAND

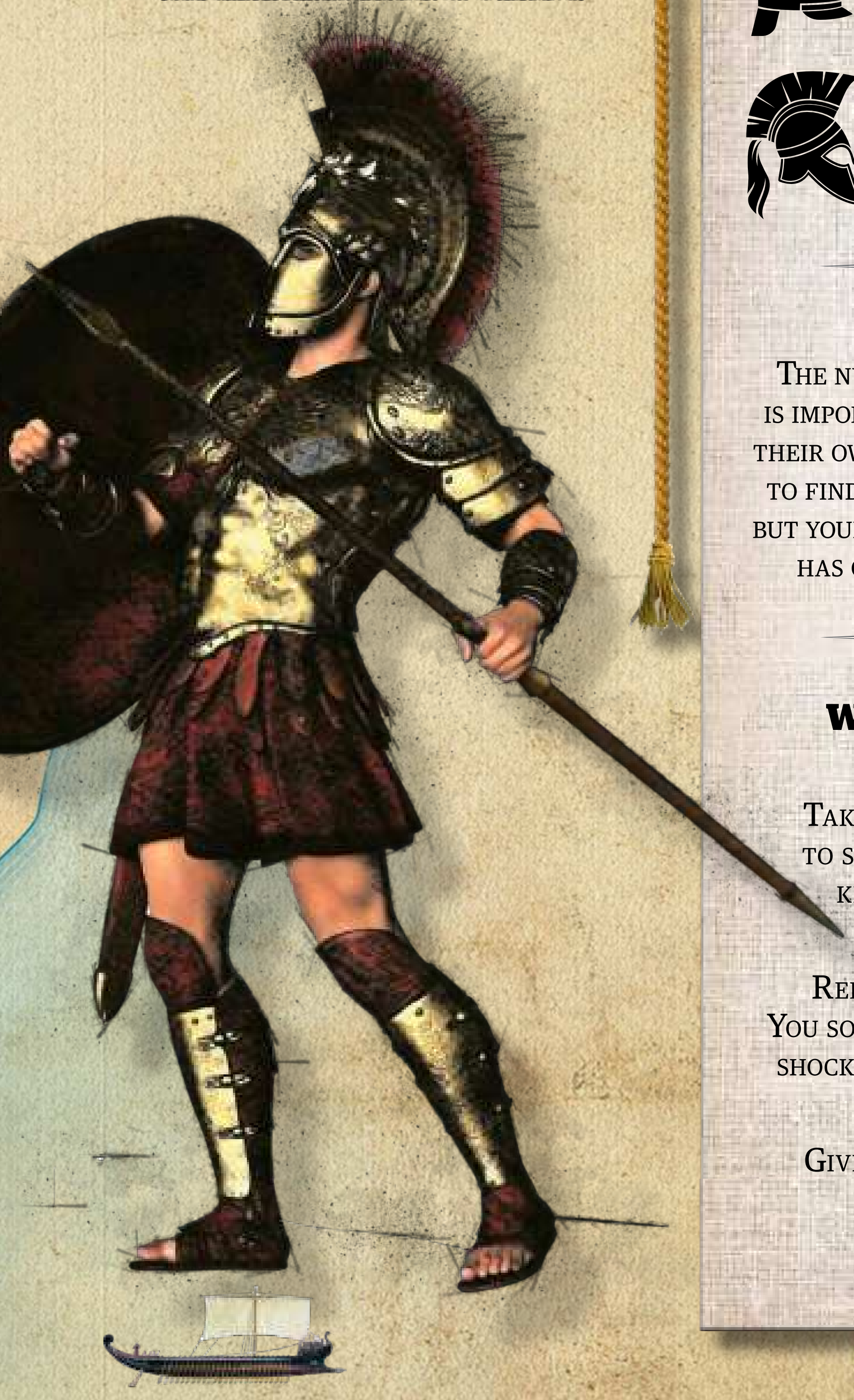
BATTLEFIELD 490 BCE

Let's start by invading Greece! You have been given command of a mighty army by the Persian King Darius I, including a battalion of the dreaded 'Immortals' – armoured warriors who know neither fear nor pity. You have sailed to the peninsula of Attica from where you shall march on Athens.


GREAT MARSH
PLATAEANS
ATHENIANS
HOPLITES
Cavalry
PERSIANS
Cavalry
0
100m
0
100yds

THE BATTLEFIELD

The enemy has blocked your advance on a marshy plain surrounded by mountains. You must break through or concede defeat.



AVAILABLE FORCES

PERSIAN ARMY

1,000 Elite armoured cavalry.
25,000 Infantry.

GREEK ARMY

10,000 troops – mostly Athenian hoplites (spearmen) and missile troops.

STRATEGY

The numbers are in your favour, which is important when attacking an enemy in their own country. You had also expected to find Spartan allies among the enemy, but your intelligence reveals that Sparta has offered no aid to these Greeks.

WHAT WILL YOU DO?

I

Take a cautious approach, waiting to see what happens and keeping a keen eye on those mountains!

II

Rely on the element of surprise. You sound the advance and throw your shock troops into the enemy's centre.

III

Give up. Begin an orderly retreat and return to your ships.

SOLUTION OVERLEAF

SOLUTION

BATTLE OF MARATHON

You have just fought in the Battle of Marathon, sadly on the losing side. The Athenians chose their battlefield well, the marshes and mountains preventing you from using your elite cavalry.

IF YOU OPTED FOR I

YOUR TROOPS WOULD HAVE BEEN SUBJECTED TO GREEK MISSILE FIRE AND THE ENEMY GIVEN TIME TO REINFORCE. BUT PERHAPS DEATH IN BATTLE IS MORE HONOURABLE THAN PROVOKING DARIUS' WRATH.

* * *

IF YOU OPTED FOR II

THIS IS WHAT THE PERSIANS DID, RUSHING IN ONLY TO BE ENVELOPED BY THE ATHENIANS' FLANKING INFANTRY AND MASSACRED!

* * *

IF YOU OPTED FOR III

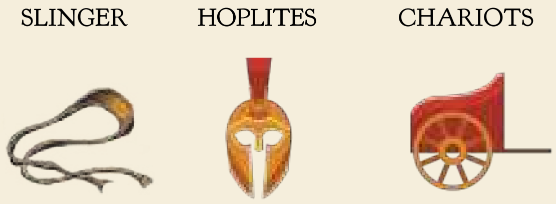
IF YOU HAD ORDERED A RETREAT, YOU MIGHT HAVE AVERTED DISASTER – ALTHOUGH YOUR REPUTATION WOULD HAVE SUFFERED, AND YOU WOULD PROBABLY HAVE LOST YOUR HEAD!

THE BALANCE OF POWER I

Your task is to hold the enemy's army while we await reinforcements. A good general does not deploy all his troops at once. Knowing the value of your military units (infantry, cavalry, archers etc.) and how they will fare against specific enemy units is vital.

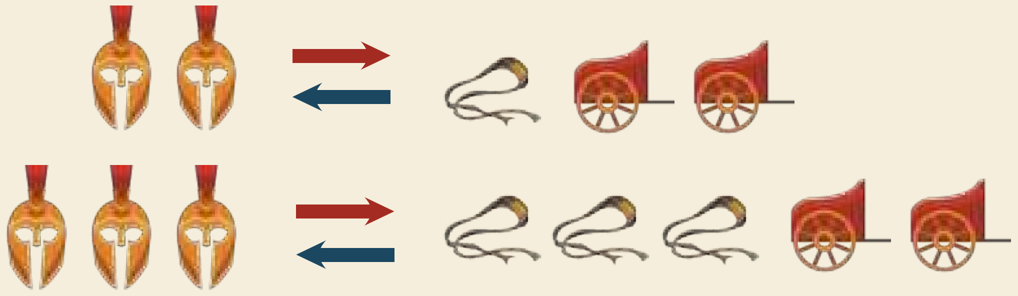
AVAILABLE FORCES

Your units consist of hoplites, and the enemy's comprise slingers and chariots. Assume that your units are of exactly equal quality to those of the enemy, so the number and type of unit is all that matters.



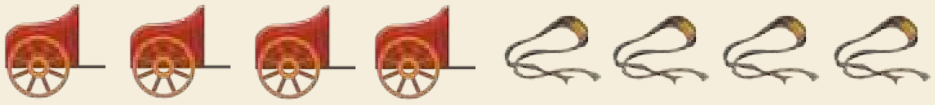
THE BATTLEFIELD

The following units are perfectly matched and locked in stalemate.



STRATEGY

How many hoplites will you need to send to neutralize an enemy force consisting of 4 chariots and 4 slingers? Time for you to crunch the numbers.

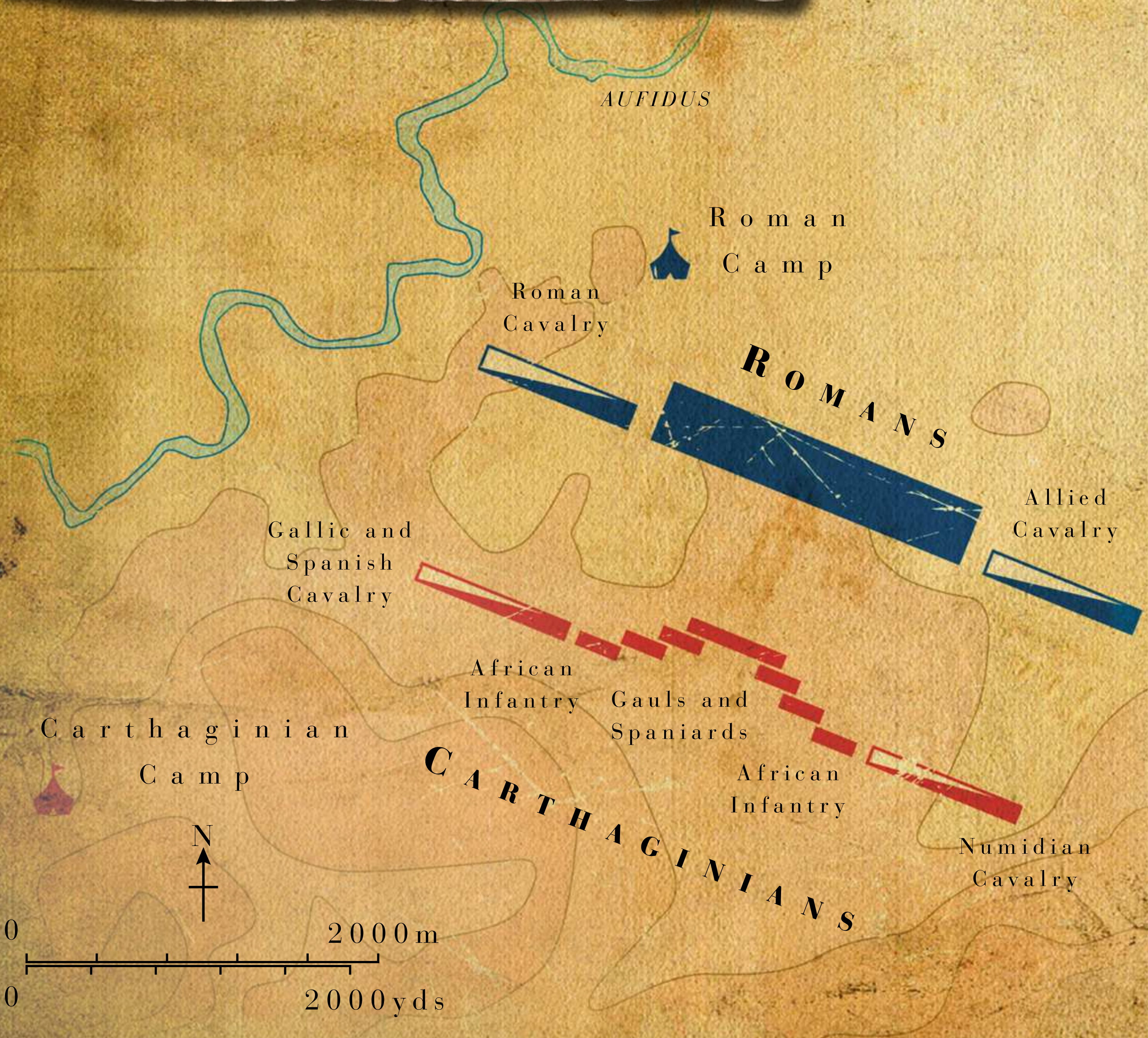


SOLUTION ON PAGE 124

DEFEND THE HOMELAND

BATTLEFIELD 216 BCE

The location of your next battle is Apulia, a southern region on the Italian Peninsula. You are a general of the Roman Republic, which has been at war with Carthage for two years. You have been invaded by your hated foe and must mobilise to defend your homeland.


AUFIDUS
Roman Camp
Roman Cavalry
ROMANS
Allied Cavalry
Gallic and Spanish Cavalry
African Infantry
Gauls and Spaniards
African Infantry
Numidian Cavalry
Carthaginian Camp
CARTHAGINIANS
N
0
2000m
0
2000yds

THE BATTLEFIELD

General Barca lost a significant portion of his army on the long march into your territory, but you have allowed him to choose the location for this confrontation.

AVAILABLE FORCES

ROMAN ARMY

40,000 trained Roman legionaries.
25,000 allied infantry.
Just over **8,000** cavalry.

CARTHAGINIAN ARMY

(led by General Barca)
32,000 infantry.
10,000 elite cavalry.

STRATEGY

There is much at stake. What will you do? Choose from the options below.

I

Deploy your infantry deeper than usual to repel the enemy's cavalry.

II

Divide your forces to guard your flanks.

III

Run away!!

SOLUTION OVERLEAF

SOLUTION

BATTLE OF CANNAE

You have fought in the Battle of Cannae against a general so famous he is now known simply by his first name: Hannibal (Barca). Cannae is acknowledged as one of the greatest tactical feats in military history and was a humiliating defeat for Rome.

If you opted for I

The Romans actually deepened their ranks, believing that their superior numbers would prevail. Unfortunately, they did not take into account Hannibal's genius. He deployed his own troops in thin ranks to draw in the advancing legions, then brought in his reserves in a flanking manoeuvre that gave the Romans nowhere to move. The front lines of Romans were systematically butchered, while those behind were penned in by their own numbers. Hannibal's elite cavalry routed the Roman horses and finally returned to smash into the Roman infantry's rear, sealing their fate.

If you opted for II

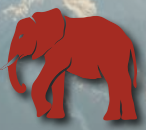
This might have been a better option in hindsight!

FIND A WAY

THE ELEPHANTS OF CARTHAGE

In 218 BCE Hannibal led his army into the Roman Republic, bypassing Roman land and naval defences by crossing the Alps. You must help him navigate this perilous journey using a map you acquired in Germania.

Where on the map must Hannibal start in order to get across the Alps – to the map reference marked elephant – safely? Each reference contains the direction and the distance you must travel from that point. For example "I S" means that you must move one space south. Plot your course with care.

I S	I W	III S	II W
I E	III S	III S	I W
II E	II E	I W	I S
I S	I W	I W	
II N	II E	IV N	III N

SOLUTION ON PAGE 124

THE DIE IS CAST

After concluding the Punic Wars against Carthage, Rome expanded its dominion into Europe and the Mediterranean. By 50 BCE the Roman Republic was governed by a triumvirate (three leaders) consisting of Pompey the Great, Marcus Licinius Crassus and Gaius Julius Caesar.

THREE WISE MEN?

Caesar earned renown for his conquests, while his constitutional reforms made him popular with the people back home. Appointed governor of occupied Gaul, he retained command of four legions with which he made further conquests and won an even greater reputation for valour.

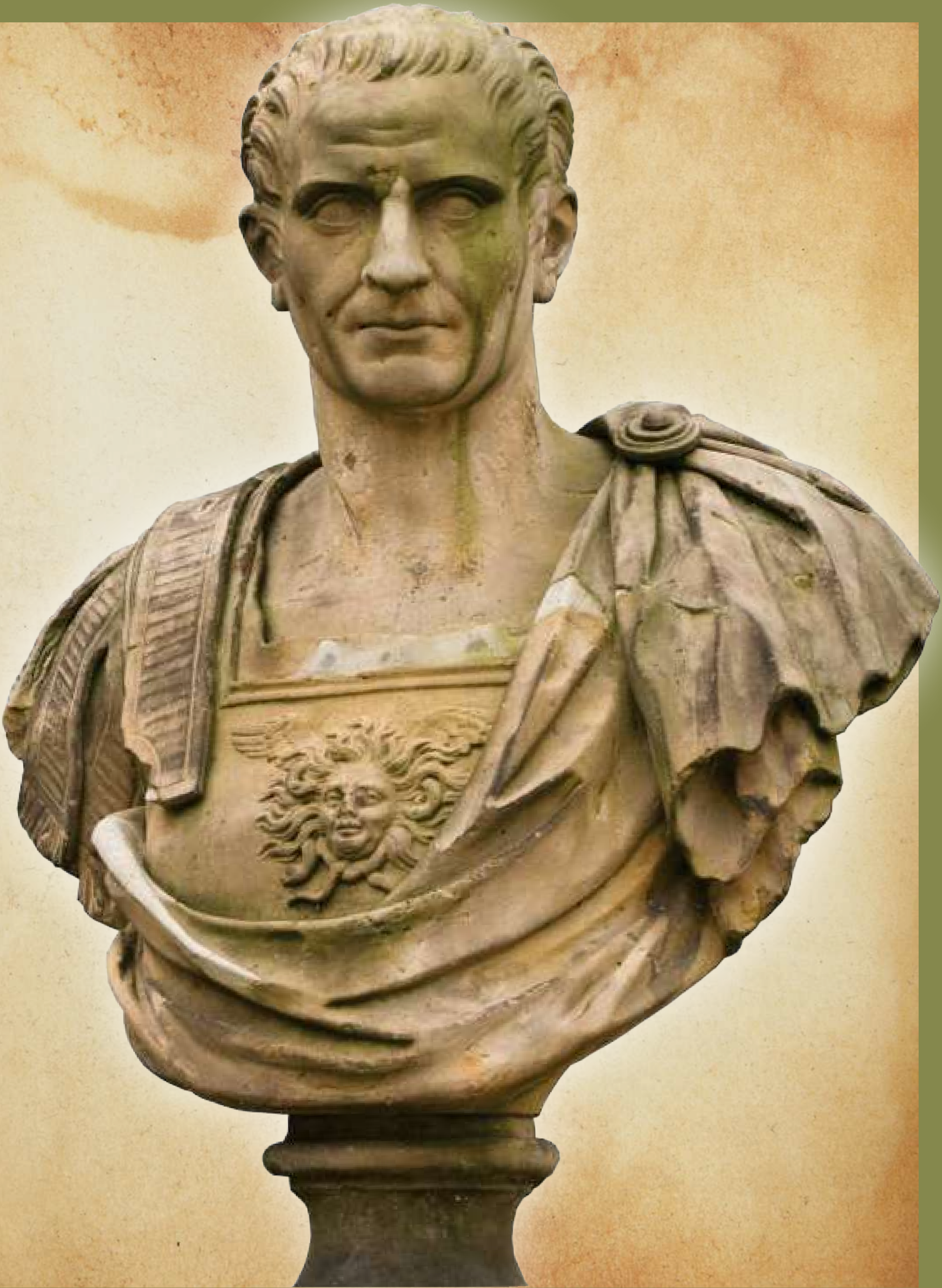
Crassus was killed fighting the Parthians, and Pompey became consul of Rome. Pompey was threatened by Caesar's increasing power, and when Caesar's governorship of Gaul ended, Pompey ordered him to disband his army and return home.

THE CONUNDRUM

Imagine you are Caesar. What should you do? You decide to consult a soothsayer – perhaps the gods can offer advice. You meet with a wild-eyed man, who looks up from the bloody entrails of a sheep and intones: "You must face one who has a mouth yet cannot speak, who has a bed, yet never sleeps!"

What could the cryptic fortune-teller be referring to?

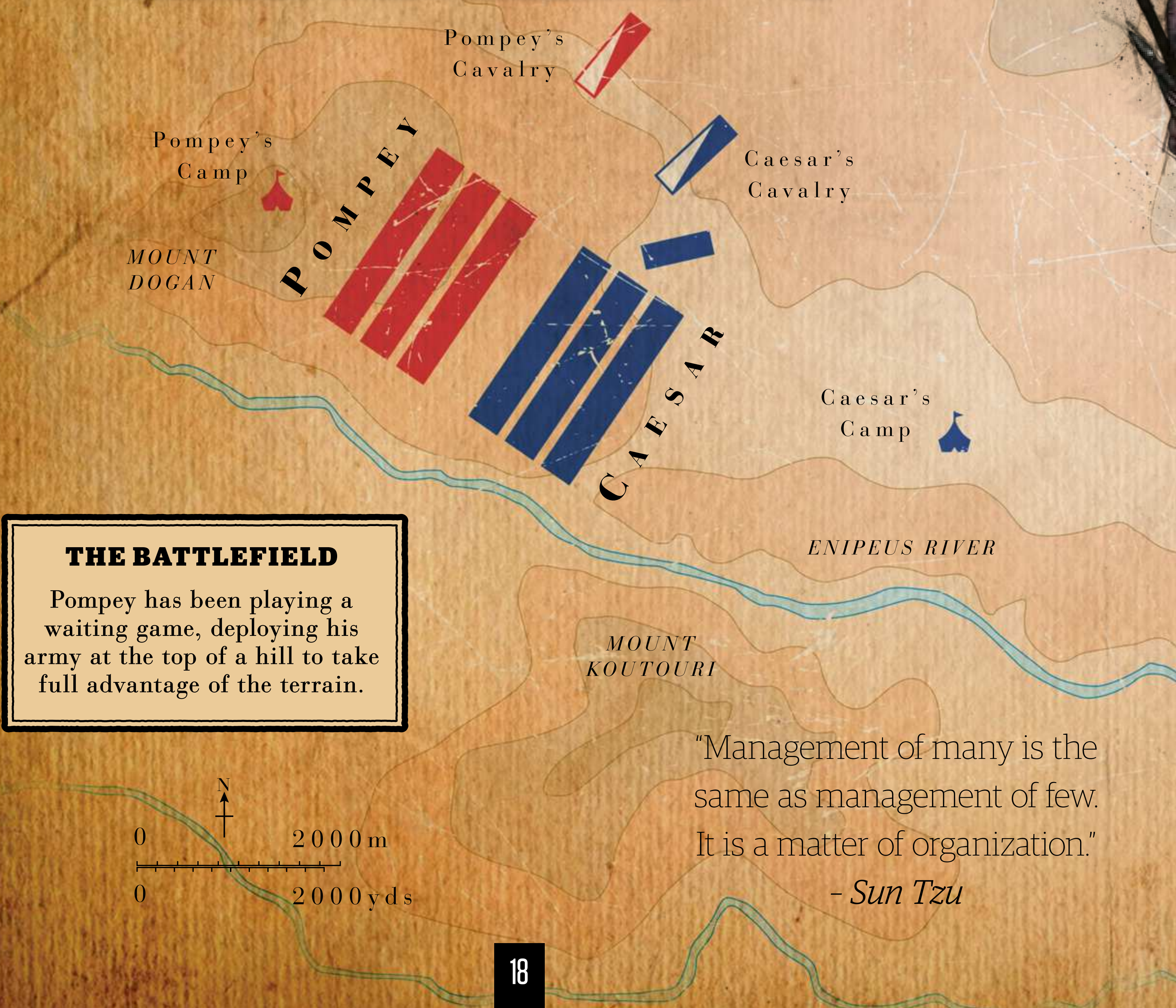
SOLUTION ON PAGE 124



TAKING THE INITIATIVE

BATTLEFIELD 48 BCE

After crossing the Rubicon, Caesar marched on Rome at the head of his veteran legions. Pompey ceded the city and fled across the sea to Greece, where he hoped to train up an army. Caesar did not want his foe to regain the initiative, so he crossed the Adriatic during the winter while Bibulus, who Pompey had put in charge of naval defence, was napping. Now you must take on the role of Julius Caesar.


Pompey's Cavalry
Pompey's Camp
POMPEY
MOUNT DOGAN
Caesar's Cavalry
CAESAR
Caesar's Camp
ENIPEUS RIVER
MOUNT KOUTOURI
N
0
2000m
0
2000yds

THE BATTLEFIELD

Pompey has been playing a waiting game, deploying his army at the top of a hill to take full advantage of the terrain.

> "Management of many is the same as management of few. It is a matter of organization."
>
> *- Sun Tzu*

AVAILABLE FORCES

YOUR FORCES ARE OUTNUMBERED BY THOSE OF POMPEY.

CAESAR'S ARMY

22,000 LEGIONARIES PLUS AUXILIARIES AND LESS THAN **2,000** CALVARY.

POMPEY'S ARMY

40,000 LEGIONARIES PLUS AUXILIARIES AND LESS THAN **5,000** CALVARY.

* * *

STRATEGY

WITH NO CHANCE OF DRAWING POMPEY INTO A FIGHT, YOU BEGIN THE ORDERLY WITHDRAWAL OF YOUR TROOPS – WHICH IS WHEN POMPEY SIGNALS HIS ADVANCE! GETTING YOUR MEN BACK INTO FIGHTING FORMATIONS, YOU THIN OUT YOUR BATTLE LINES TO MEET THE ENEMY'S LARGER ARMY AND RELOCATE SOME OF YOUR INFANTRY TO SUPPORT YOUR OUTNUMBERED CAVALRY.

* * *

CAN YOU PREDICT THE OUTCOME FOR YOUR ARMY?

I

A CATASTROPHIC DEFEAT. THE REMNANTS OF YOUR ARMY MUST RETREAT BACK TO YOUR SHIPS.

II

A STAND-OFF. ALTHOUGH OUTNUMBERED, YOUR SUPERIOR DISCIPLINE KEEPS YOUR CASUALTIES LOW, SO YOU ARE ABLE TO FIGHT ANOTHER DAY.

III

A SPECTACULAR VICTORY. POMPEY'S ARMY IS NO MATCH FOR YOUR MILITARY GENIUS.

SOLUTION OVERLEAF

SOLUTION

BATTLE OF PHARSALUS

Caesar demonstrated his military genius against his arch-rival at the Battle of Pharsalus.

If you opted for III

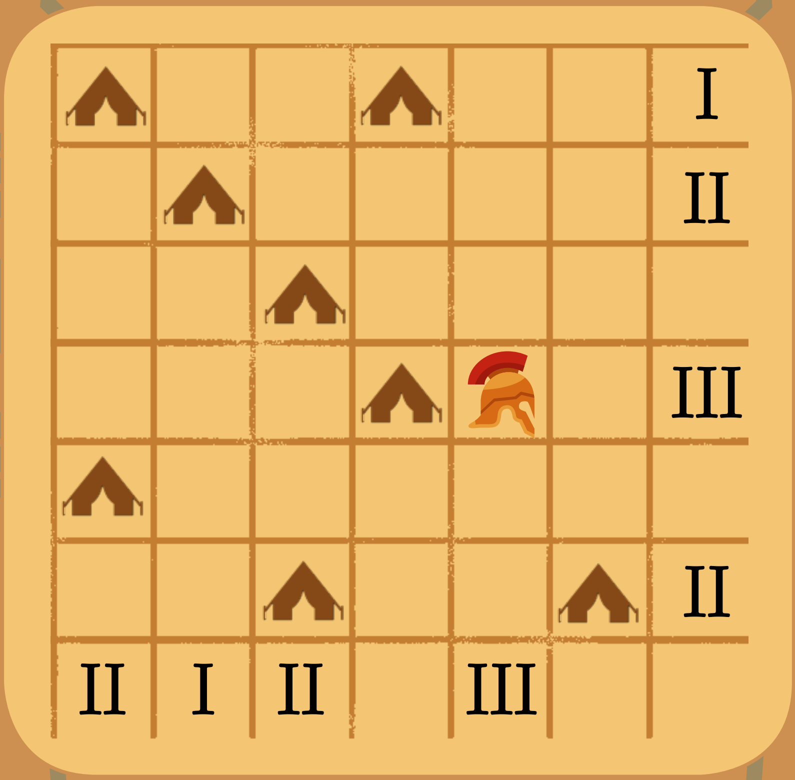
Caesar depended on the superior experience and discipline of his infantry. His horsemen fell back from Pompey's larger cavalry, who then ran into his disciplined infantry reserves. The reserves not only drove back the cavalry but swung inwards to flank Pompey's infantry lines. This unexpected attack from the side caused Pompey's army to crumble – signalling a spectacular victory for Caesar! He went on to become the absolute Dictator of Rome but four years later was assassinated by members of the senate. Maybe he was just too clever.

SENTRY DUTY I

YOU NEED TO ENSURE YOUR FORCE'S TENTS ARE SUFFICIENTLY GUARDED.

You must assign a guard to each of your tents on the map below. The numbers in the periphery tell you how many guarded squares are in each line and column. No guard can be placed in a square that shares a line or corner with another guarded square. Each tent square must be protected by one guard in an adjacent square (sharing a line, not a corner).

Can you place the guards correctly?



⛺			⛺			I
	⛺					II
		⛺				
			⛺	🪖		III
⛺						
		⛺			⛺	II
II	I	II		III		

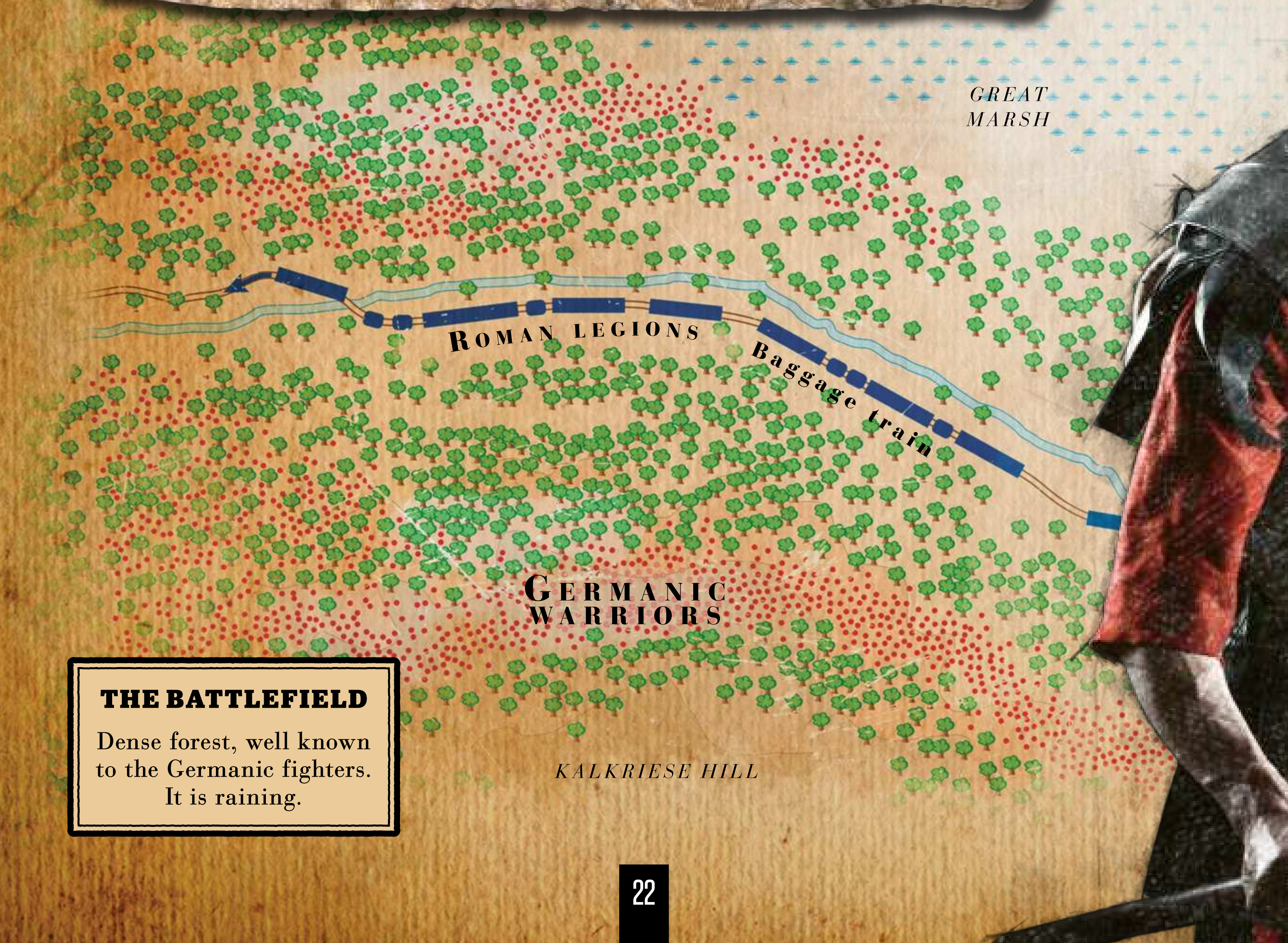
Remember that there is
no Roman numeral for zero.

SOLUTION ON PAGE 124

TROUBLE WITH THE NATIVES

BATTLEFIELD 9 CE

Gaius Octavius Thurinus, the adopted son of Julius Caesar, became the first ruler of the Roman Empire in 27 BCE and would thereafter be known as Augustus Caesar. He brought all the armies of Rome under his direct control and expanded the empire's dominion significantly. 36 years later, General Publius Quinctilius Varus was assigned to consolidate the Empire's power in Germania, a land of fierce tribes that resented Roman occupation. You will join the army of Varus, a man renowned for his brutality and one with no compunction about crucifying anyone who defies the will of Caesar!



THE BATTLEFIELD

Dense forest, well known to the Germanic fighters. It is raining.

"It is essential to seek out enemy agents who have come to conduct espionage against you and to bribe them to serve you. Give them instructions and care for them. Thus, double agents are recruited and used."

– *Sun Tzu*

AVAILABLE FORCES

ROMAN ARMY

Over **30,000** soldiers – three highly disciplined legions and two cohorts of auxiliaries. They are stretched out in a line ten miles long.

GERMANIC TRIBES

No more than **30,000** warriors, all of them lacking your technology and training.

STRATEGY

You are a commander in Varus' army and have received vital intelligence from Arminius – a German who received his military training in Rome – that the enemy chieftains are more focused on fighting one another than opposing Roman rule.

HOW DO YOU EXPECT THE BATTLE TO PLAY OUT?

I

Varus' brutal reputation has been so effective in pacifying the population that he marches to victory with almost no opposition.

II

The Germanic tribes launch a successful ambush using 'divide and conquer' tactics.

III

Arminius' understanding of the Germanic tribes turns many of their leaders to Varus' side and the need for a battle is averted.

SOLUTION OVERLEAF

SOLUTION

BATTLE OF TEUTOBURG FOREST

This was the Battle of the Teutoburg Forest (also known as the Varian Disaster, which might give you a clue to the outcome).

If you opted for II

You would be correct. Varus' trusted advisor Arminius was a Germanic chieftain who had been trained in Rome, but he was still loyal to his homeland and his deception was perfect. The united Germanic tribes were far from unprepared and used 'divide and conquer' to focus their superior numbers on individual elements of the thinly stretched Roman line of march. Torrential rain made an already bad situation terrible for the Romans. Varus' legions were almost completely wiped out by the ambush and Rome was shaken to its core by the most humiliating defeat in its history.

DUPLICITOUS DRUIDS

IN 43 CE THE ROMANS BEGAN THEIR CONQUEST OF BRITAIN. THEY FACED STIFF RESISTANCE FROM THE VARIOUS NATIVE TRIBES AND THEIR RELIGIOUS LEADERS, THE DRUIDS.

You are interrogating five druids to determine which of them is the ringleader. Despite all your threats, they are not really cooperating...

Amergin says, *"Dornoll leads us!"*

Bodhmall says, *"I am not the leader!"*

Cathbad says, *"It is not Erwan, he is too stupid to lead!"*

Dornoll says, *"Amergin lies!"*

Erwan says, *"It is Bodhmall who speaks the truth!"*

Exasperated, you turn to a local bard, who is known to be under a geas (curse) to never tell a lie, and ask him which of the druids are telling the truth. "Only three of them!" he is forced to admit and then, before you can ask a less ambiguous question, he throws himself from a nearby cliff to his death.

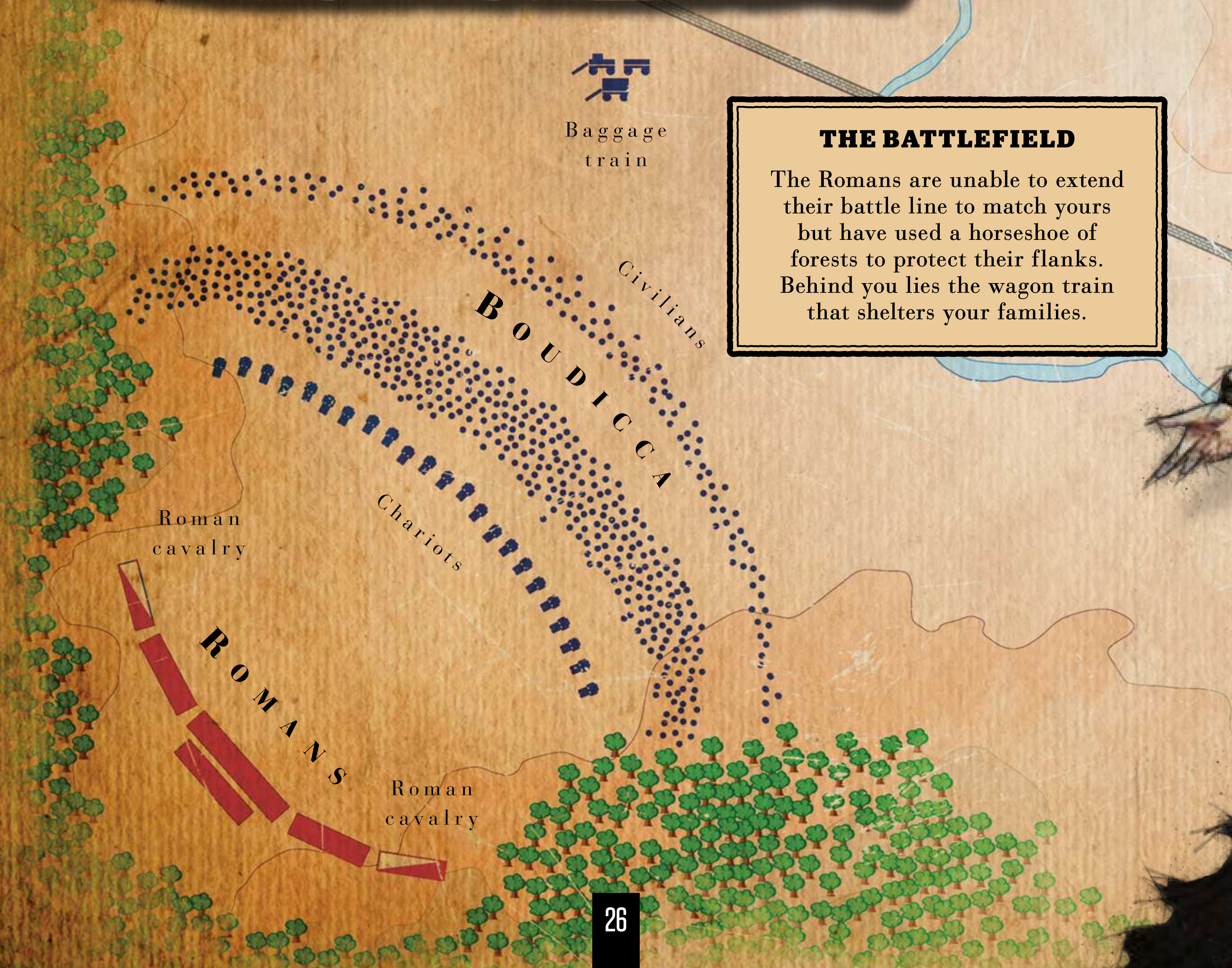
So, which of the druids is the leader?

SOLUTION ON PAGE 125

FOR HONOUR!

BATTLEFIELD 60 CE

You stand among your fellow tribesmen outside a forest in Roman-occupied Britain ready to end the invader's rule for good. Your people, the Iceni, have been driven from their homes by the enemy, their wealth plundered and their relatives forced into ignoble servitude. Publiclly flogging your queen and violating her daughters was the final insult. Queen Boudicca seeks justice!


Baggage train
Civilians
BOUDICCA
Chariots
Roman cavalry
ROMANS
Roman cavalry

THE BATTLEFIELD

The Romans are unable to extend their battle line to match yours but have used a horseshoe of forests to protect their flanks. Behind you lies the wagon train that shelters your families.

"He who can modify his tactics in relation to his opponent and thereby succeed in winning, may be called a heaven-born captain."
- *Sun Tzu*

AVAILABLE FORCES

BOUDICCA'S ARMY
200,000 Warriors.

ROMAN ARMY
10,000 Legionaries.

STRATEGY

The legionaries are well armoured. Most wield a pilum (heavy spear) and gladius (short sword). Your forces have a variety of weapons and you also field a number of war chariots.

WHAT CHANCE FOR BOUDICCA'S ARMY? LET BATTLE COMMENCE!

I
A humiliating and total defeat.

II
A costly victory.

III
A decisive victory.

SOLUTION OVERLEAF

SOLUTION

BATTLE OF WATLING STREET

In 60 CE Boudicca suffered a devastating defeat at the hands of General Gaius Suetonius Paulinus in the Battle of Watling Street. Although her army outnumbered the Romans by almost 20 to 1, the superior discipline and armour of the legions proved decisive. The soldiers of Rome maintained their formation against the wild tribal horde and wiped out the first wave with a hail of spears. Boudicca's fighters could not break the Roman shield wall, and when the Romans counterattacked it was a slaughter.

IF YOU OPTED FOR I

BOUDICCA'S ARMY WAS MASSACRED, EFFECTIVELY ENDING ALL RESISTANCE TO ROMAN RULE IN THE SOUTH OF BRITAIN.

STANDARD RATES

OUTFITTING YOUR ARMY IS NOT CHEAP. YOU ASK AN EMBROIDERER TO CREATE A BANNER FOR EACH OF YOUR LEGIONS – NO FANCY INSIGNIA, JUST THE LEGION'S NAME EMBROIDERED ON EACH.

The embroiderer is clearly no friend of Rome and gives you a rather cryptic quote:

The third legion's banner will cost three times as much as the first legion's banner, but the same price as the fourth legion's banner.

The first legion's banner will cost half as much as the individual banners of the second, fifth and tenth legions.

The tenth legion's banner will cost 300 denarii.

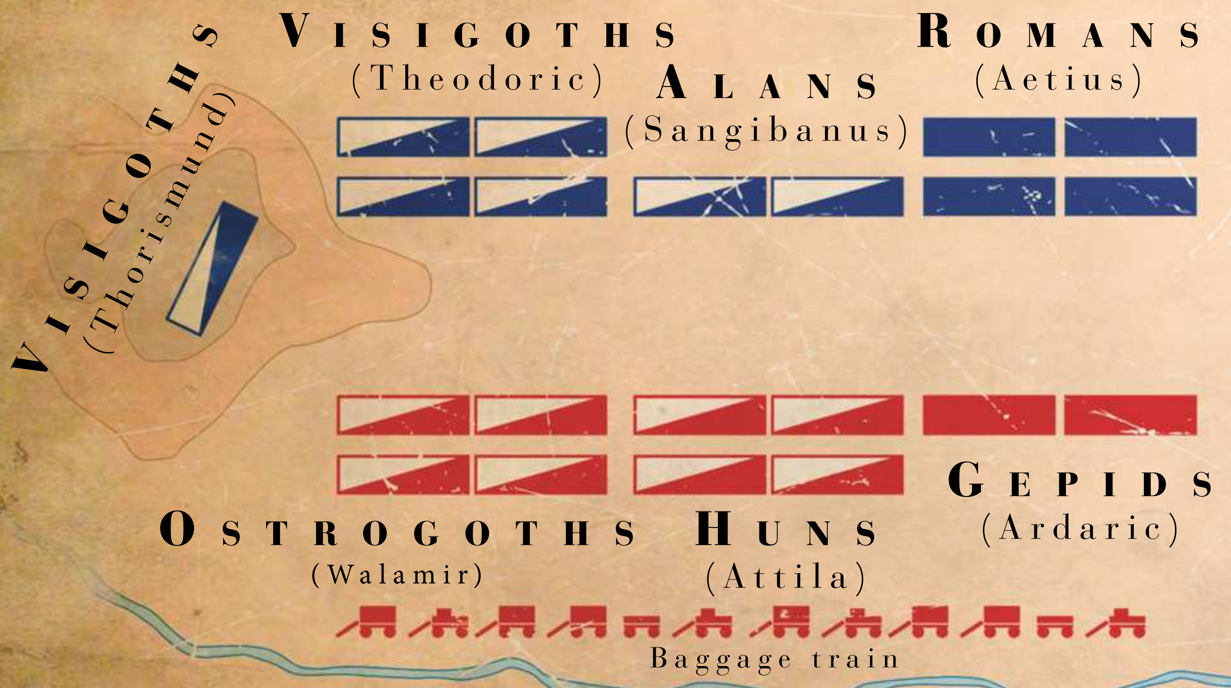
What will be the cost for all ten legion's banners?

SOLUTION ON PAGE 125

ADVANCE TO THE WEST!

BATTLEFIELD 451

You now join the infamous Attila, King of the Huns, in his war against the declining Western Roman Empire. The Goths, who had invaded Rome in 378, now have a fragile treaty with their former foes and add their warriors to the imperial army's strength. But Rome is a shadow of its former self and the Eastern Empire even pays you tribute to protect themselves from your fearsome raiders. Your people have long viewed Roman-occupied Gaul as territory to add to your own empire, and you now decree that the time is right to take it.


Visigoths (Thorismund)
Visigoths (Theodoric)
Alans (Sangibanus)
Romans (Aetius)
Ostrogoths (Walamir)
Huns (Attila)
Gepids (Ardaric)
Baggage train

THE BATTLEFIELD

The Romans have split their army in order to move around a forest. You decide to let them do this without harassment, so they will meet your forces on an open plain.

AVAILABLE FORCES

ROMAN ARMY

40,000 warriors, predominantly infantry. A third of the army is made up of Visigoths and Alans.

HUNNIC ARMY

40,000 warriors, predominantly cavalry, including your ubiquitous horse archers.

STRATEGY

Remember, the Roman commander is Flavius Aetius, who grew up among both the Goths and Huns and is familiar with your strategy and tactics. Moreover, he has rallied many of these tribesmen to his banner. It is he who returned much of Gaul to Roman rule.

WHAT DO YOU EXPECT THE OUTCOME OF THE ENCOUNTER TO BE?

I
Victory for Rome.

II
Inconclusive.

III
Victory for you and your Huns.

SOLUTION OVERLEAF

SOLUTION

BATTLE OF THE CATALAUNIAN PLAINS

Not all historic battles have a clear-cut outcome, and the Battle of the Catalaunian Plains is an example of an inconclusive result.

If you opted for I

If you thought the battle would be a victory for Rome, there are at least some historians who would agree with you. However...

* * *

If you opted for II

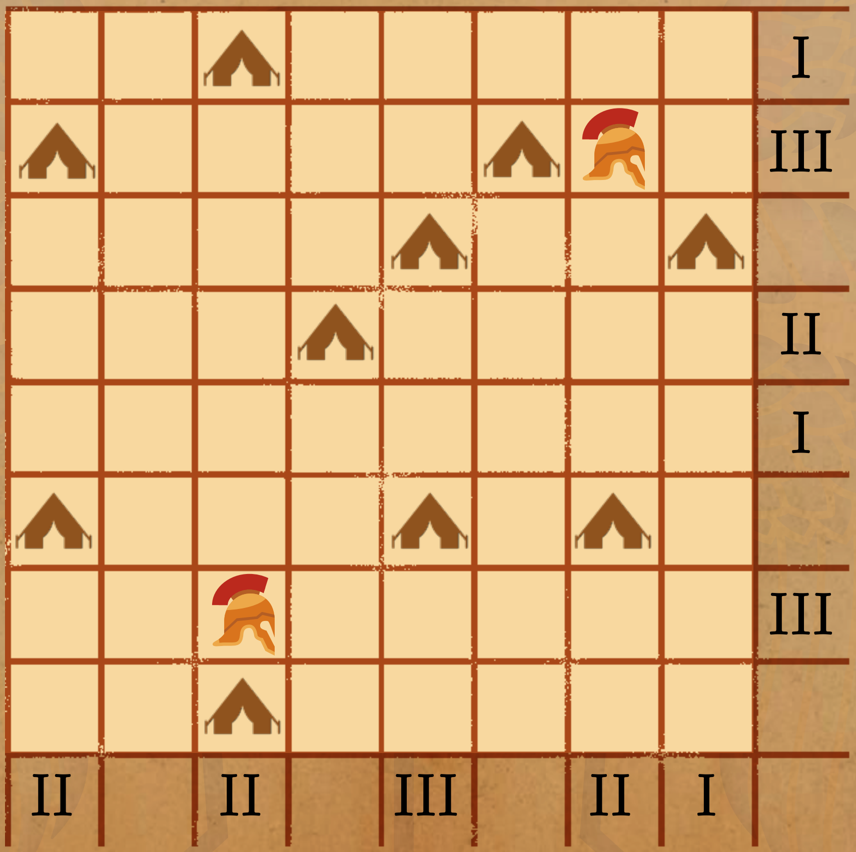
The Romans apparently had a very slight advantage in terms of body count and pushed the Huns back to their supply lines. Attila was allowed to escape and the Romans were unwilling or unable to press their advantage. The Huns were later forced out of Gaul, and when their King died two years later, their empire went into decline.

SENTRY DUTY II

YOU NEED TO ENSURE YOUR FORCE'S TENTS ARE SUFFICIENTLY GUARDED.

You must assign a guard to each of your tents on the map below. The numbers in the periphery tell you how many guarded squares are in each line and column. No guard can be placed in a square that shares a line or corner with another guarded square. Each tent square must be protected by one guard in an adjacent square (sharing a line not a corner).

Can you place all the guards correctly?



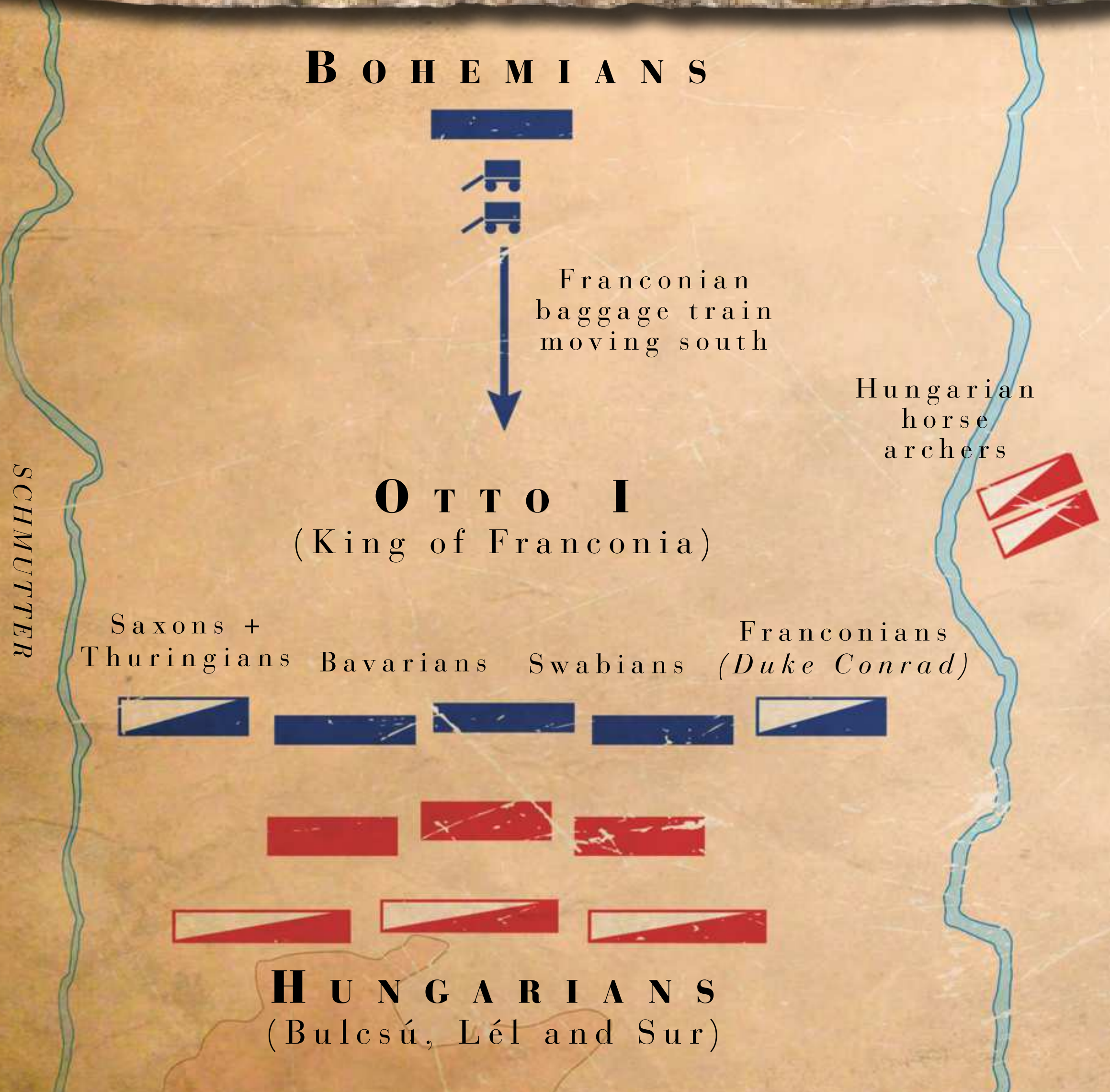
Remember that there is no
Roman numeral for zero.

SOLUTION ON PAGE 125

STRIKING BACK!

BATTLEFIELD 955

We now move forward almost half a millennium from the time of Atilla, when we find Europe still riven by conflict. The Magyar tribes of Hungary have launched raids into Western Europe since the latter part of the 9th century. These were hit-and-run affairs, with the Magyars taking their loot back to Hungary before they could be engaged in pitched battle. However, in 955 an incursion into Franconia by Magyar chieftains Bulcsú, Lél and Sur signalled a change of strategy – they intended to stay and conquer. You must defend Franconia from this menace! You are on the side of King Otto I, commanding an army to relieve the city of Augsburg, which is under siege from the Magyar chieftains.


BOHEMIANS
Franconian baggage train moving south
Hungarian horse archers
OTTO I
(King of Franconia)
SCHMUTTER
Saxons + Thuringians
Bavarians
Swabians
Franconians *(Duke Conrad)*
HUNGARIANS
(Bulcsú, Lél and Sur)

THE BATTLEFIELD

As your army marches towards Augsburg in column, Magyar horse warriors attack your rear and overrun your supply wagons! Duke Conrad rides back with his cavalry to engage the raiders. You now face the besiegers in a narrow battlefield, with rivers protecting your flanks. You are outnumbered.

AVAILABLE FORCES

KING OTTO'S ARMY

8,000 TROOPS, CONSISTING OF HEAVY CAVALRY SUPPORTED BY INFANTRY AND LIGHT CAVALRY.

YOU ALSO HAVE THE ALLEGIANCE OF THE COMPETENT GENERAL DUKE CONRAD THE RED.

HUNNIC ARMY

10,000 TROOPS, INCLUDING A LARGE CONTINGENT OF FAST-ATTACKING HORSE ARCHERS, SOME INFANTRY AND SIEGE ENGINES.

STRATEGY

WHAT COURSE OF ACTION DO YOU CHOOSE?

I	II	III
HOLD THE LINE!	CHARGE!	FALL BACK!

SOLUTION OVERLEAF

SOLUTION

BATTLE OF LECHFELD

King Otto won the Battle of Lechfeld. The Magyar obsession with plunder proved to be their undoing. Conrad found their horse archers preoccupied with looting the supply waggons and his sudden charge completely routed them.

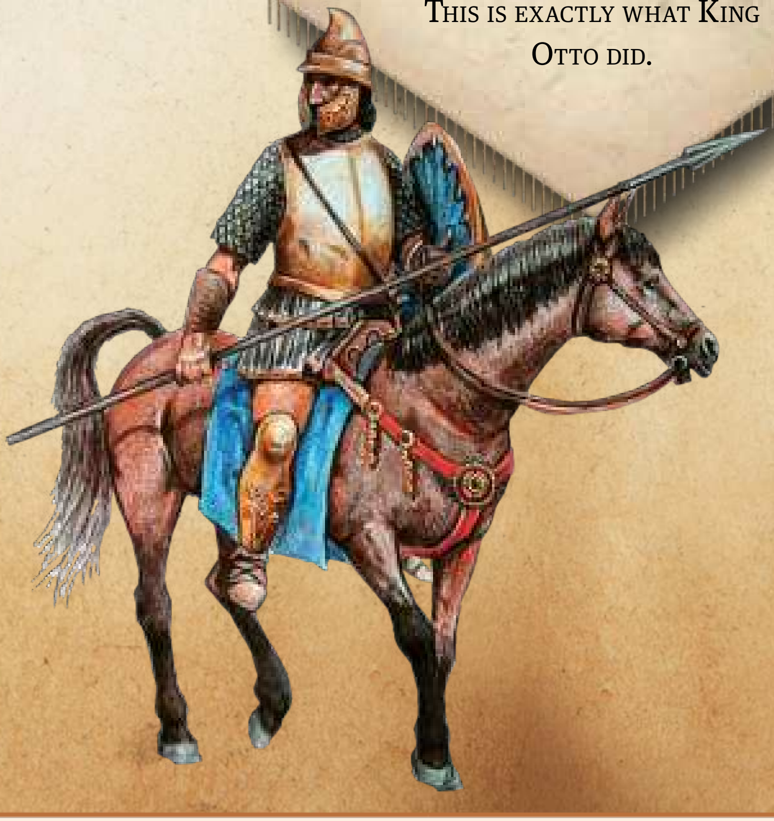
Back in Augsburg, the besiegers were also in for a surprise – they assumed that the raiding horse archers had stalled Otto's advance and were stunned when his troops came racing up behind them. The Magyar horse archers were unable to outflank their opponents and were driven back by Otto's better-armoured heavy cavalry.

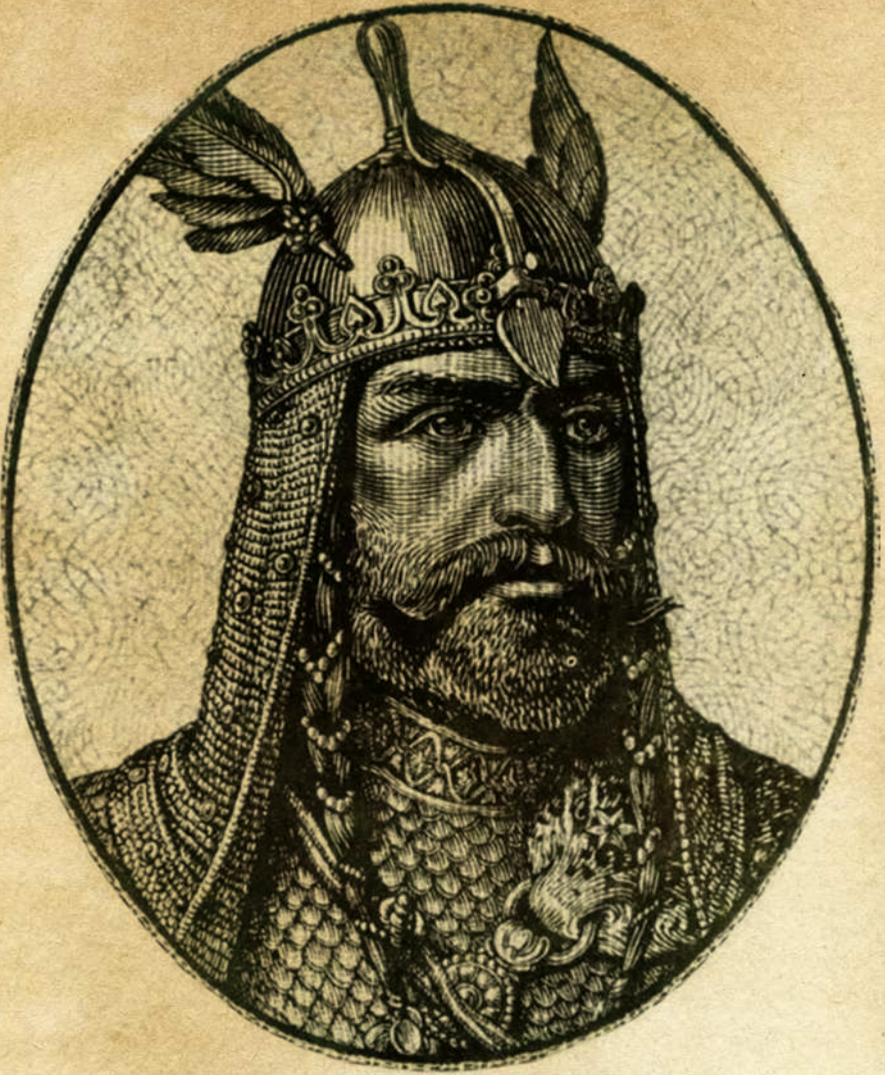
It was a bloody battle but a decisive victory for Otto. The Magyar invaders were completely wiped out. Otto became known as 'the Great' and was appointed Holy Roman Emperor in 936.

If you opted for II

Well done!

This is exactly what King Otto did.





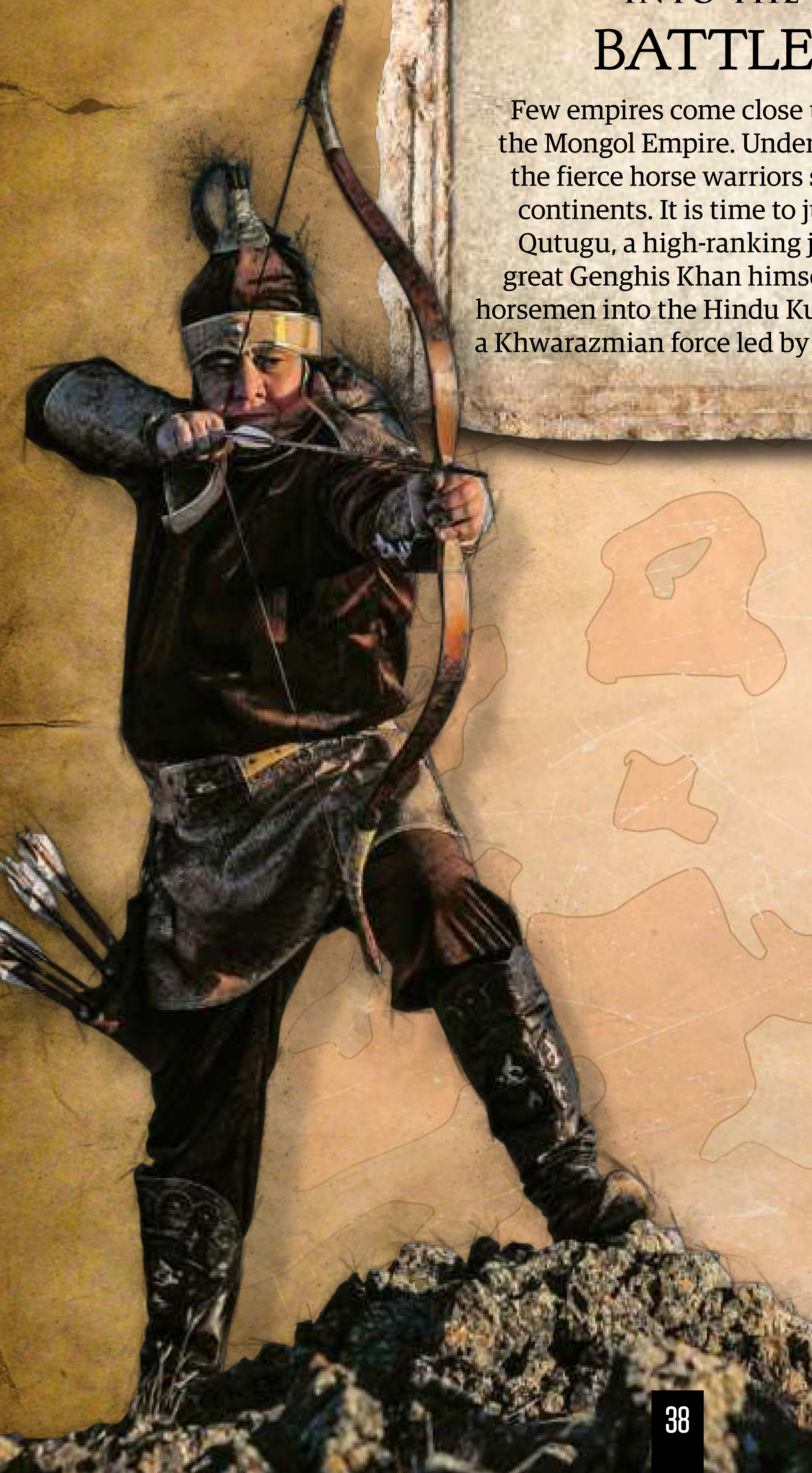
“It takes less courage
to criticize
the decisions of others
than to stand by
your own.”

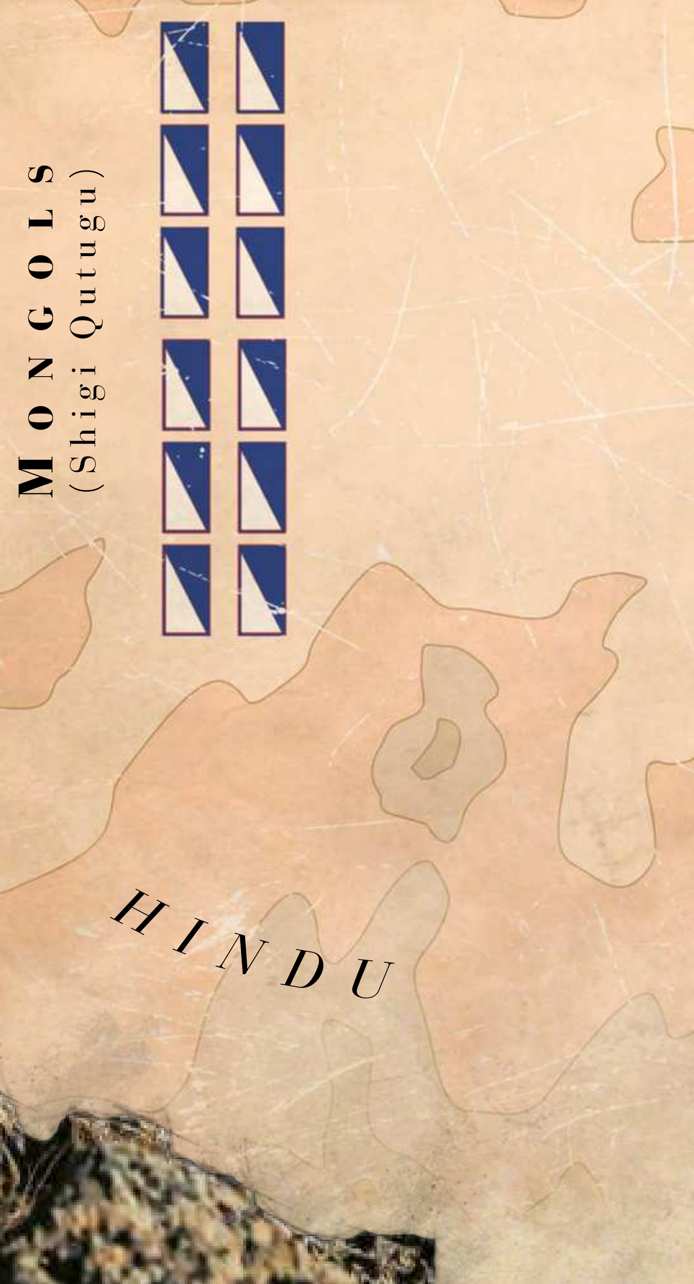
– *ATTILA THE HUN*

INTO THE MOUNTAINS!

BATTLEFIELD 1221

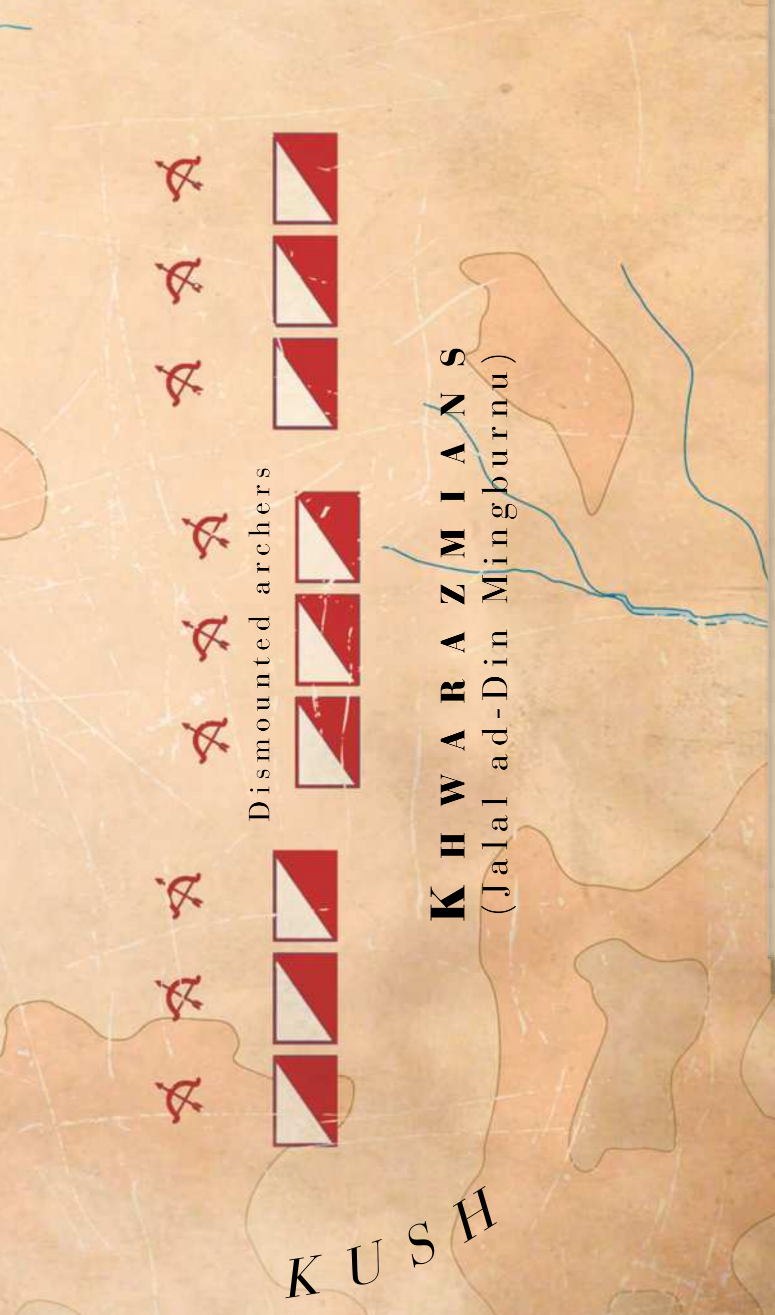
Few empires come close to matching the sheer size of the Mongol Empire. Under the banner of Genghis Khan, the fierce horse warriors spread their influence across continents. It is time to jump into the saddle of Shigi Qutugu, a high-ranking judge and stepbrother to the great Genghis Khan himself. You are leading a horde of horsemen into the Hindu Kush mountains to do battle with a Khwarazmian force led by Sultan Jalal ad-Din Mingburnu.





THE BATTLEFIELD

Your army encounters the enemy in a narrow valley.


Dismounted archers
KHWARAZMIANS
(Jalal ad-Din Mingburnu)
KUSH

AVAILABLE FORCES

MONGOL FORCE
30,000 HORSEMEN.

KHWARAZMIAN FORCE
60,000 DISMOUNTED ARCHERS.

STRATEGY

YOU HAVE A MUCH SMALLER FORCE BUT TO EVEN THE ODDS YOU HAVE A CUNNING IDEA – YOU MOUNT STRAW WARRIORS ON YOUR SPARE HORSES TO MAKE YOUR NUMBERS SEEM FAR GREATER THAN THEY ARE.

WHAT HAPPENS NEXT?

I
THE KHWARAZMIANS ARE ROUTED AND CUT DOWN.

II
THE ENEMY ARCHERS STAND THEIR GROUND AND DEFEAT YOUR HORSEMEN.

III
YOU WIN A PYRRHIC VICTORY AFTER A BLOODY EXCHANGE OF ARROWS.

SOLUTION OVERLEAF

SOLUTION

BATTLE OF PARWAN

This was the Battle of Parwan and it was the first time the Mongols failed to hold against a foreign army.

IF YOU OPTED FOR II

THE HORSEMEN WERE NOT ABLE TO USE THEIR SUPERIOR MANOEUVRABILITY IN THE MOUNTAINOUS TERRAIN. THE DISMOUNTED ENEMY ARCHERS BENEFITED NOT ONLY FROM GREATER NUMBERS BUT ALSO IMPROVED ACCURACY. WHEN THE MONGOLS' DISCIPLINE FINALLY DISSOLVED, THE KHWARAZMIANS MOUNTED THEIR HORSES AND PURSUED THEM, RESULTING IN A RARE DEFEAT THAT FUELLED UPRISINGS IN MANY MONGOL-HELD SETTLEMENTS. JALAL AD-DIN'S VICTORY WAS SHORT-LIVED, HOWEVER. GENGHIS KHAN HIMSELF PURSUED AND DEFEATED HIM AT THE BATTLE OF INDUS.

JUST A DREAM?

The young khevtuul (a night guard) knelt before the mighty Genghis Khan in a state of agitation.

"*Speak,*" commanded the khan.

"*Sire, I dreamt last night of Erlik, the god of death. He told me that our enemies draw near – the agents of Qara Khitai will be within our borders before the moon is full.*"

The mighty khan digested the khevtuul's words. The man was known to have the shaman's gift and could see what had not yet come to pass.

Finally, the ruler of all Mongols said, "*Thank you for your prophecy, khevtuul. We shall double the patrols at nightfall.*"

But then the khan's expression became grim and he intoned, "*Alas, you and your nine brothers-in-arms shall be put to death at sunrise!*"

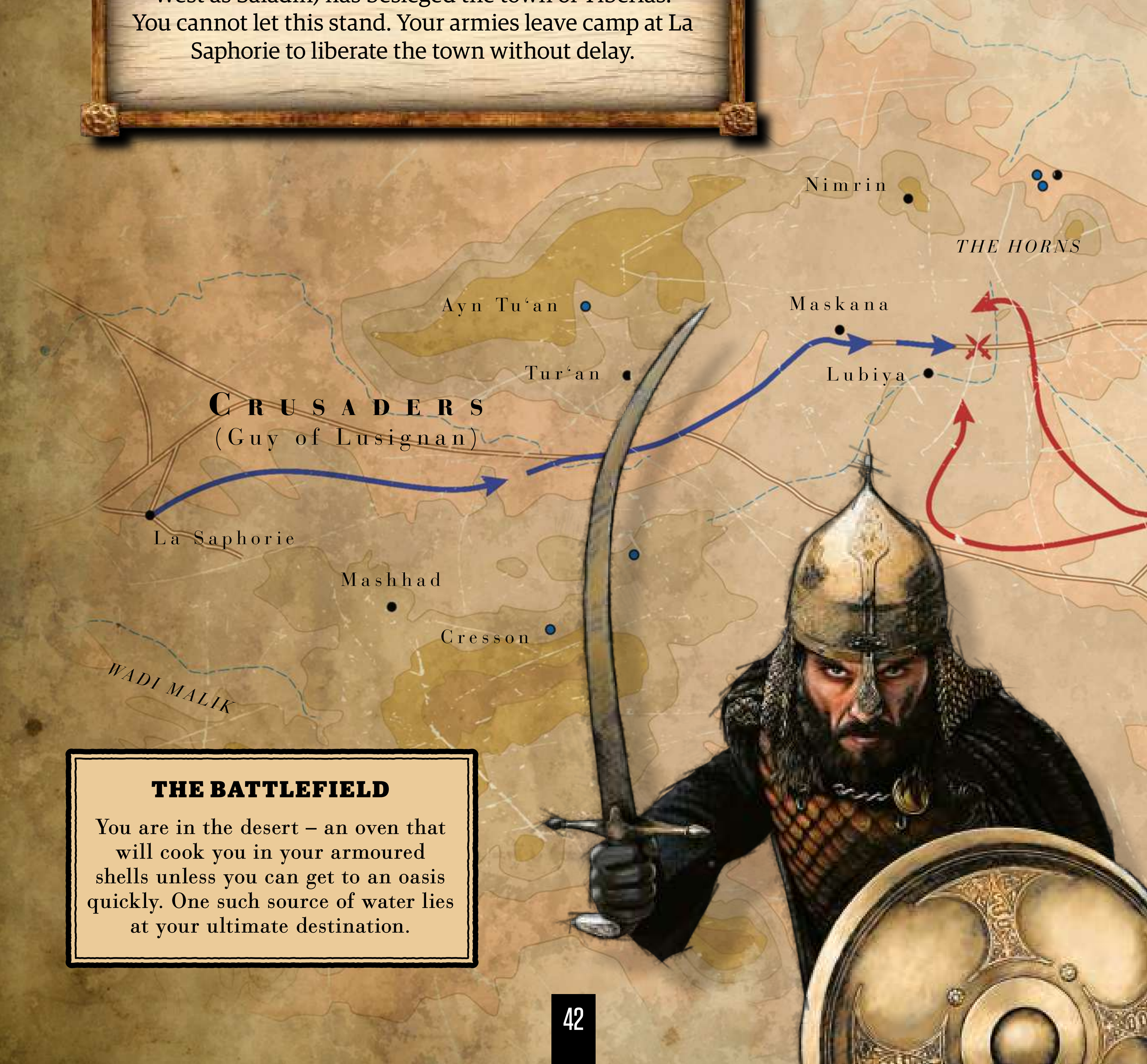
Can you explain the khan's brutal decision?

SOLUTION ON PAGE 126

BREAK THE SIEGE

Battlefield 1187

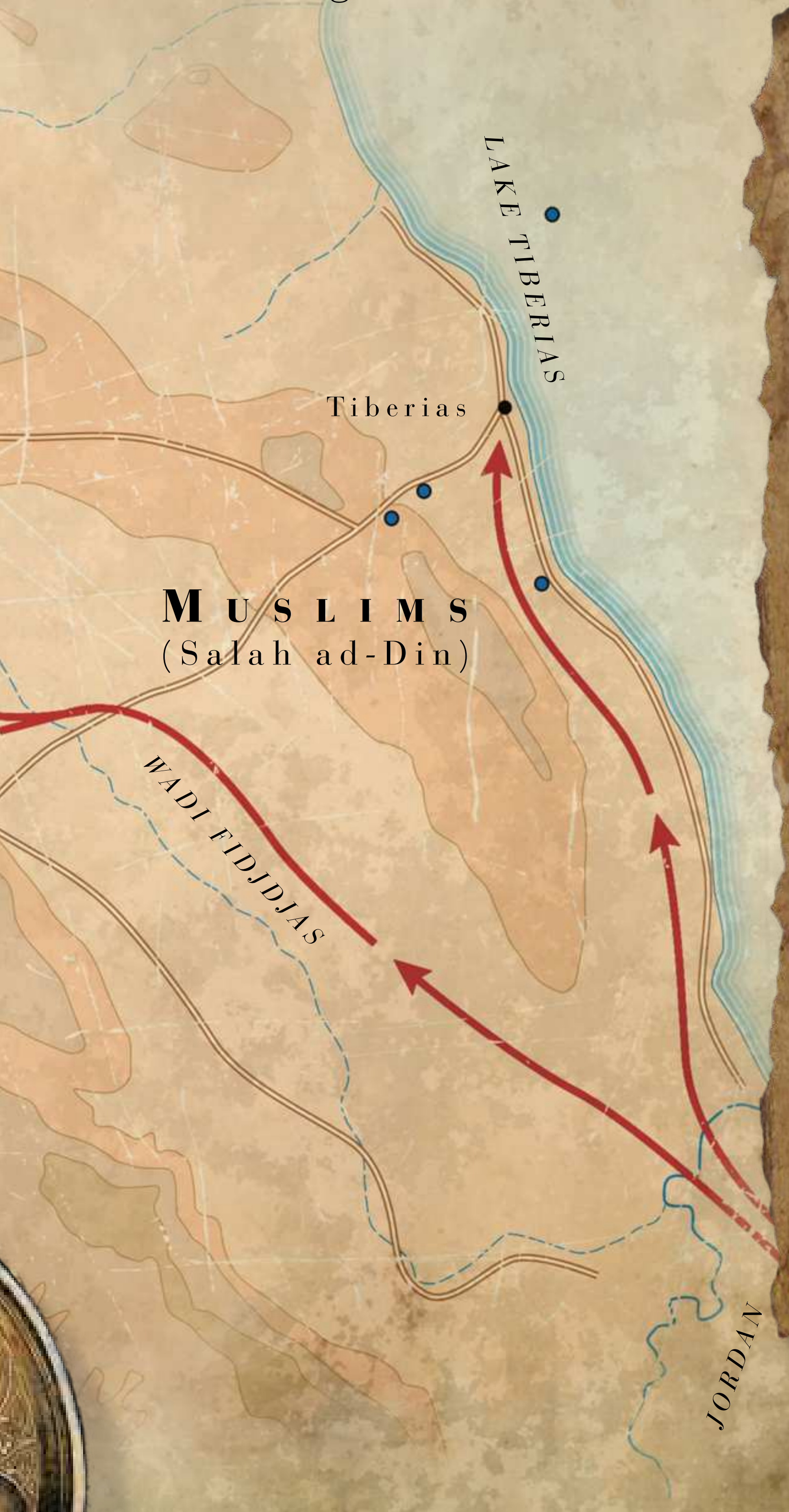
You now travel to the Holy Land and march with the Frankish armies under Guy of Lusignan, King of Jerusalem. The upstart Salah ad-Din (known in the West as Saladin) has besieged the town of Tiberias. You cannot let this stand. Your armies leave camp at La Saphorie to liberate the town without delay.


Nimrin
THE HORNS
Ayn Tu'an
Maskana
Tur'an
Lubiya
CRUSADERS
(Guy of Lusignan)
La Saphorie
Mashhad
Cresson
WADI MALIK

THE BATTLEFIELD

You are in the desert – an oven that will cook you in your armoured shells unless you can get to an oasis quickly. One such source of water lies at your ultimate destination.

"Those who use fire as an aid to the attack show intelligence; those who use water as an aid to the attack gain an accession of strength." – *Sun Tzu*



AVAILABLE FORCES

FRANKISH ARMY

20,000 MEN (INCLUDING 3,000 WELL-TRAINED, MOUNTED MEN-AT-ARMS, 1,200 KNIGHTS AND 15,000 INFANTRY). AMONG YOUR TROOPS ARE THE ELITE KNIGHTS HOSPITALLER AND KNIGHTS TEMPLAR ACCOMPANIED BY THEIR GRANDMASTERS.

SALADIN'S ARMY

NO MORE THAN 30,000 MEN (ALMOST HALF OF WHOM ARE REGULAR CAVALRY).

STRATEGY

SALADIN IS A BRILLIANT STRATEGIST AND TACTICIAN, SO DO NOT UNDERESTIMATE HIM. BUT YOU HAVE A HOLY RELIC – FRAGMENTS OF THE TRUE CROSS – WHICH WILL SURELY GRANT YOU GOD'S FAVOUR AGAINST THE HEATHENS. WHAT IS YOUR BEST COURSE OF ACTION?

I

RETURN TO YOUR BASE AT LA SAPHORIE.

II

MAKE CAMP AND ERECT FORTIFICATIONS.

III

MARCH ON TO TIBERIAS.

SOLUTION OVERLEAF

SOLUTION

Battle of Hattin

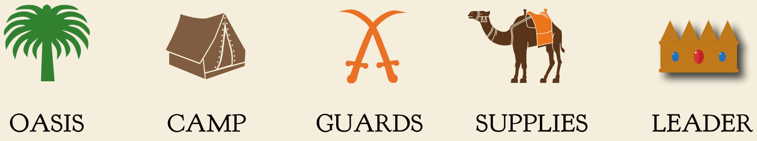
The Battle of Hattin was a decisive victory for Saladin, a masterful tactician, strategist and statesman. He initiated the siege of Tiberias in order to draw the crusaders out of La Saphorie and was in control of events from the moment Guy of Lusignan obliged him.

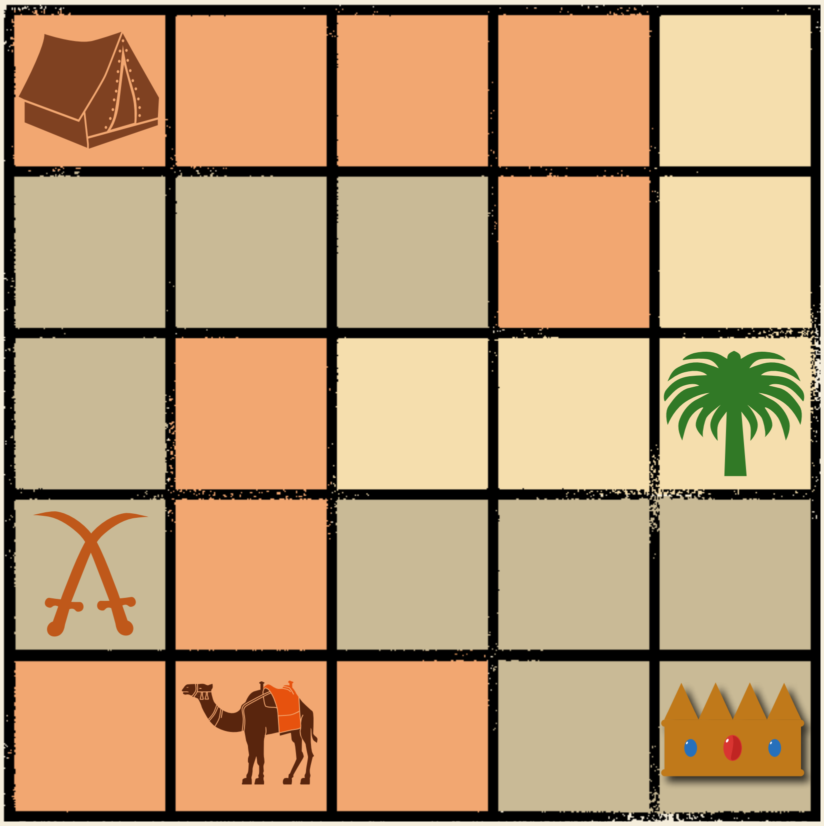
IF YOU OPTED FOR I

WITH HIS SUPERIOR NUMBERS, BETTER KNOWLEDGE OF THE TERRAIN, EFFECTIVE USE OF HIT-AND-RUN TACTICS – ALONG WITH THE ENEMY'S LACK OF WATER – THE EUROPEANS NEVER STOOD A CHANCE AND SHOULD HAVE STAYED AT HOME.

LOGISTICS

Saladin was a master planner and he used the terrain he knew so well to maximum advantage. The simplified map below is divided into five regions. Can you determine how to arrange the following necessities so that there is just one of each in every region, line and column?


OASIS
CAMP
GUARDS
SUPPLIES
LEADER

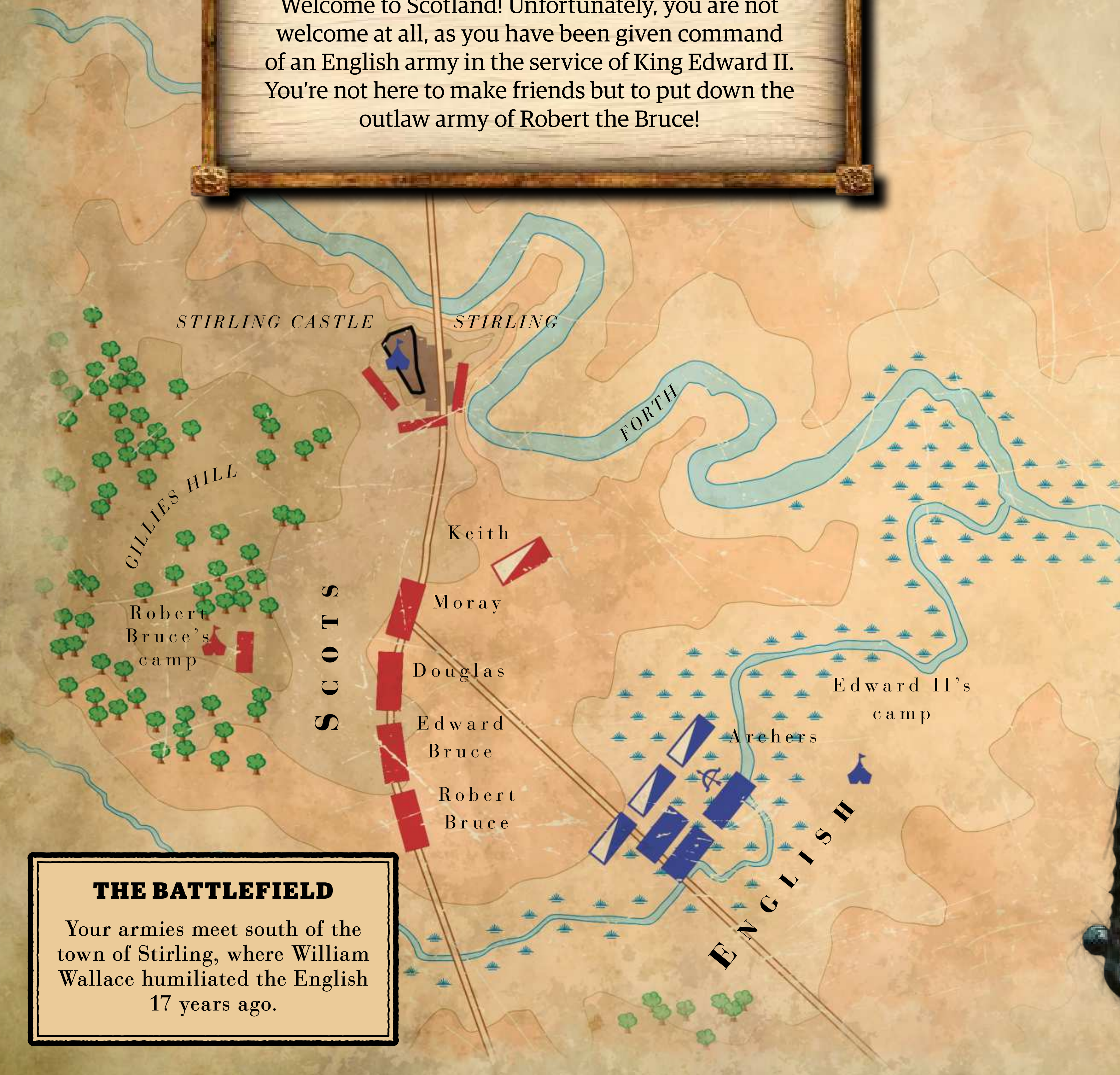


SOLUTION ON PAGE 126

TAKE ON THE OUTLAWS

Battlefield 1314

Welcome to Scotland! Unfortunately, you are not welcome at all, as you have been given command of an English army in the service of King Edward II. You're not here to make friends but to put down the outlaw army of Robert the Bruce!


STIRLING CASTLE
STIRLING
FORTH
GILLIES HILL
Robert Bruce's camp
SCOTS
Keith
Moray
Douglas
Edward Bruce
Robert Bruce
Edward II's camp
Archers
ENGLISH

THE BATTLEFIELD

Your armies meet south of the town of Stirling, where William Wallace humiliated the English 17 years ago.

> "To secure ourselves against defeat lies in our own hands, but the opportunity of defeating the enemy is provided by the enemy himself." - *Sun Tzu*

AVAILABLE FORCES

ENGLISH ARMY

Almost **18,000** men (including, **700** heavily armoured cavalry).

SCOTTISH ARMY

6,000 men (the vast majority on foot). They are armed with an assortment of weapons including spears to repel your knights. They only have **500** archers.

STRATEGY

You've been in this land for a year and the constant rain has not extinguished the fires of rebellion, but you hope your much larger force will be enough to teach these rebels a lesson.

WHICH OF THE FOLLOWING WILL SIGNIFICANTLY AFFECT THE COURSE OF THIS BATTLE?

I
Scottish terrain.

II
Welsh bowmen.

III
Greek tactics.

IV
Roman religion.

SOLUTION OVERLEAF

SOLUTION

Battle of Bannockburn

This was the greatest battle in Scotland's history: Bannockburn. It raged for two days and the Scots were triumphant.

If you opted for I

You were correct. The Bruce cleverly chose marshy terrain to counter the English army's knights.

◆

If you opted for II

Archers were not a decisive element in this battle – indeed, the English and Welsh longbowmen were guilty of a few 'friendly fire' incidents and so were ordered to stand down.

◆

If you opted for III

The Scots use of the schiltron – a tightly packed shield wall of pikemen very similar to the Greek phalanx – was a close second in importance, as it proved devastating against the English horse.

◆

If you opted for IV

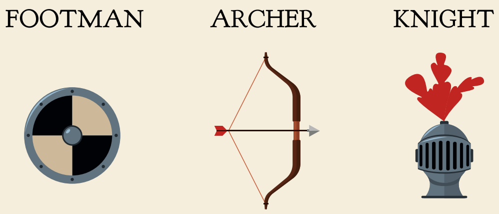
Although, on the second day of the battle, the Scots pikemen suddenly stopped and knelt in prayer – to the surprise of the English – it is not generally accepted that their superior zeal was a major factor in their victory.

THE BALANCE OF POWER II

YOUR AIM IS TO KEEP THE ENEMY FORCES IN CHECK
WHILE YOU AWAIT REINFORCEMENTS.
YOU'VE GOT THE HANG OF THIS NOW!

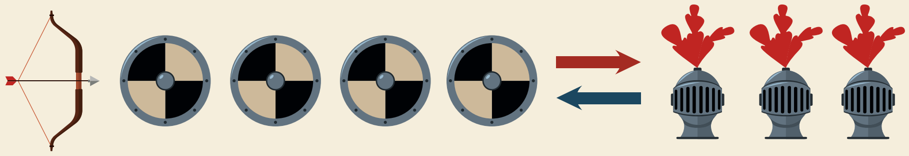
AVAILABLE FORCES

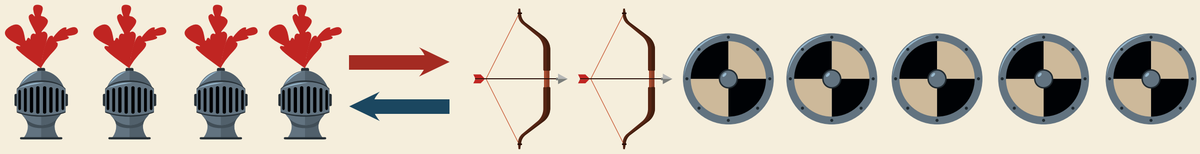
Your units consist of footmen and archers, and the enemy's comprise knights. Assume that your units are of exactly equal quality to those of the enemy, so the number and type of unit is all that matters.



THE BATTLEFIELD

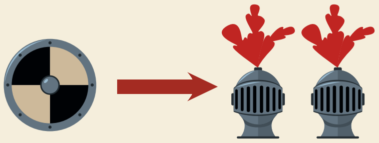
The following units are perfectly matched and locked in stalemate.





STRATEGY

One of your footmen faces two enemy knights.
How many archers should you send to even the odds?

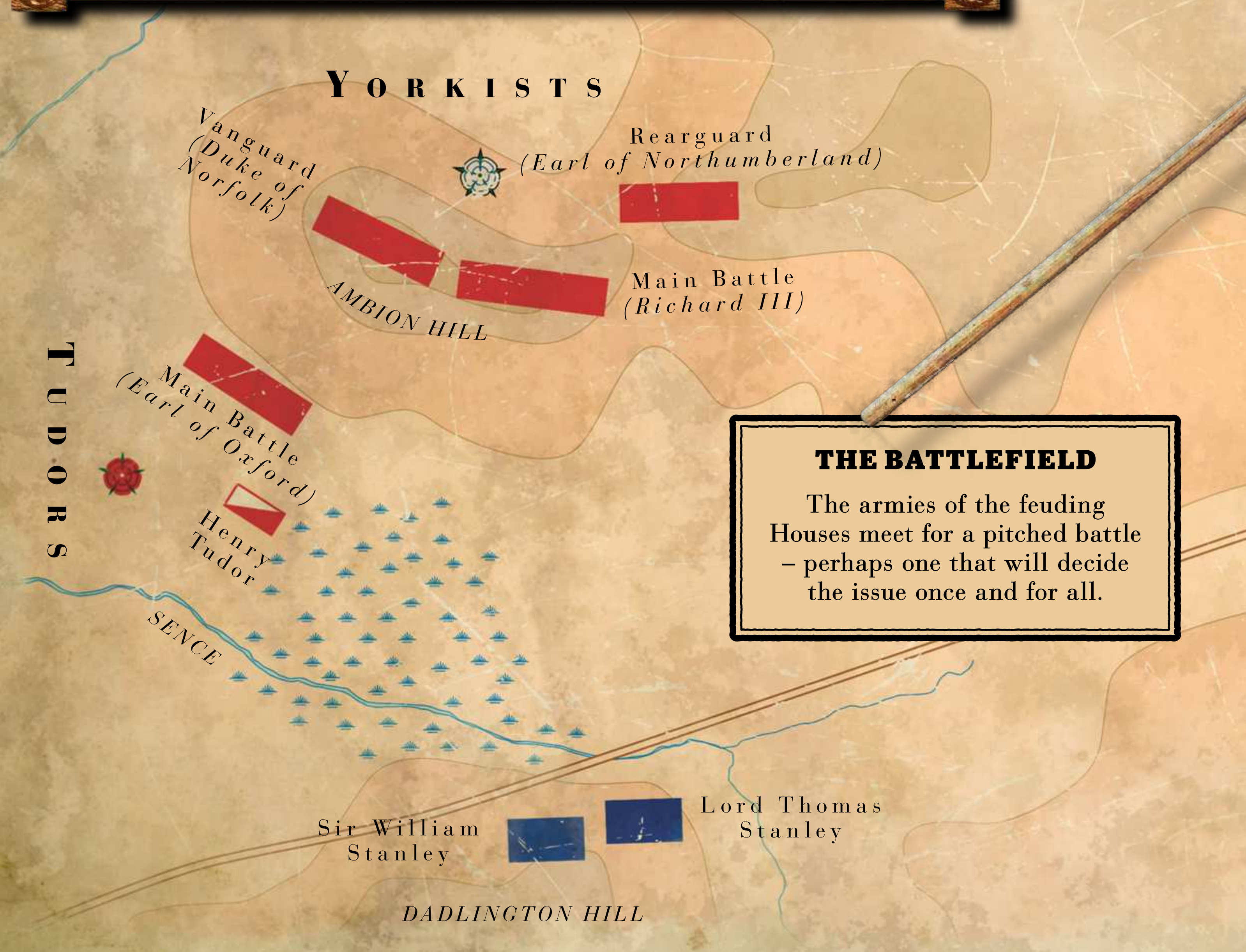


SOLUTION ON PAGE 126

CHOOSING SIDES!

Battlefield 1485

In England, the War of the Roses rages on, even though the players of this bloody game have changed many times. The direct lineage of the House of Lancaster is broken, while skulduggery and possibly murder have put Richard III on the York throne. The red rose of Lancaster has been taken up by the House of Tudor under the leadership of Henry, Earl of Richmond. His claim is supported by France. You are Thomas Stanley, a nobleman, and you are not yet aligned with either of these armies, although both expect your allegiance.


YORKISTS
Vanguard (Duke of Norfolk)
Rearguard (Earl of Northumberland)
Main Battle (Richard III)
AMBION HILL
TUDORS
Main Battle (Earl of Oxford)
Henry Tudor
SENCE
Sir William Stanley
Lord Thomas Stanley
DADLINGTON HILL

THE BATTLEFIELD

The armies of the feuding Houses meet for a pitched battle – perhaps one that will decide the issue once and for all.

"He who exercises no
forethought but makes light
of his opponents is sure to be
captured by them."
– *Sun Tzu*

AVAILABLE FORCES

THOMAS STANLEY'S ARMY
6,000 MEN.

HENRY TUDOR'S LANCASTRIAN ARMY
8,000 MEN.

RICHARD III'S YORKIST ARMY
12,000 MEN.

◆

WHO WILL YOU SUPPORT?

I
THROW YOUR COLOURS BEHIND
THE WHITE ROSE OF YORK.

II
SIDE WITH THE RED ROSE OF LANCASTER.

III
DEPART FROM THE FIELD.

SOLUTION OVERLEAF

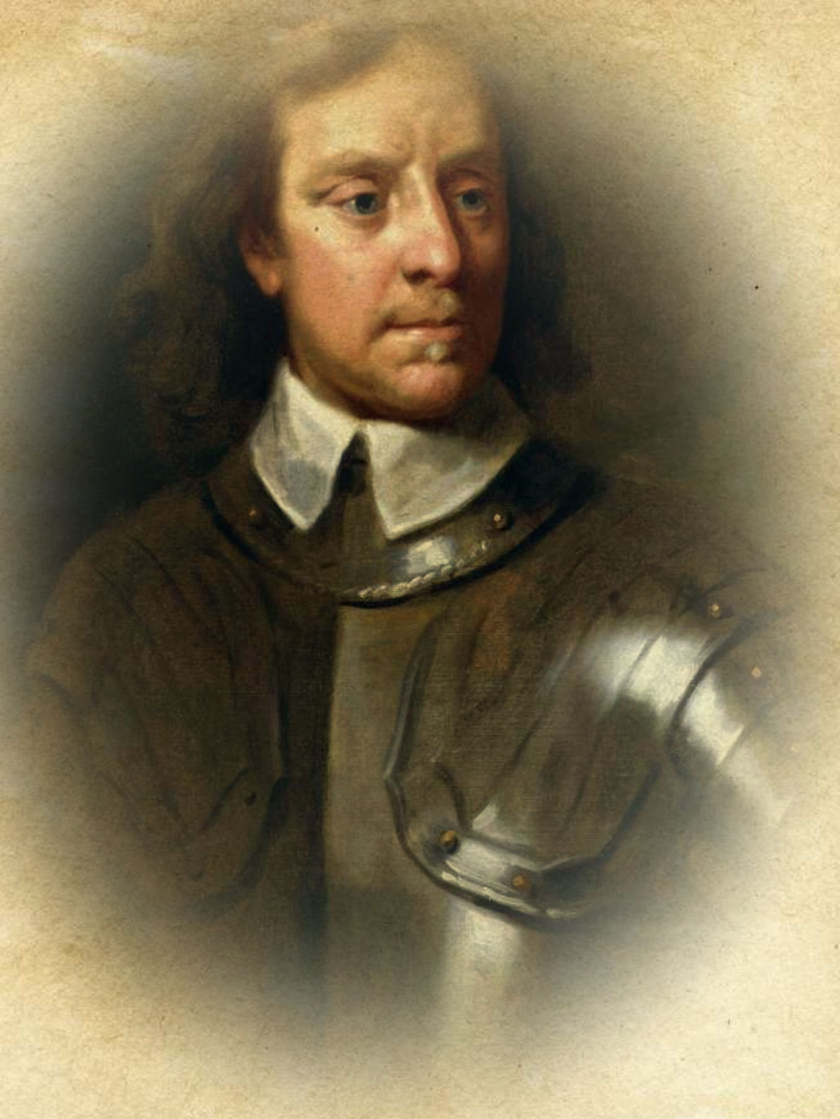
SOLUTION

Battle of Bosworth

After 32 years of conflict, the War of the Roses was finally decided here at the Battle of Bosworth. The fighting lasted a gruelling two hours and, although the casualties were quite low, Richard III was killed.

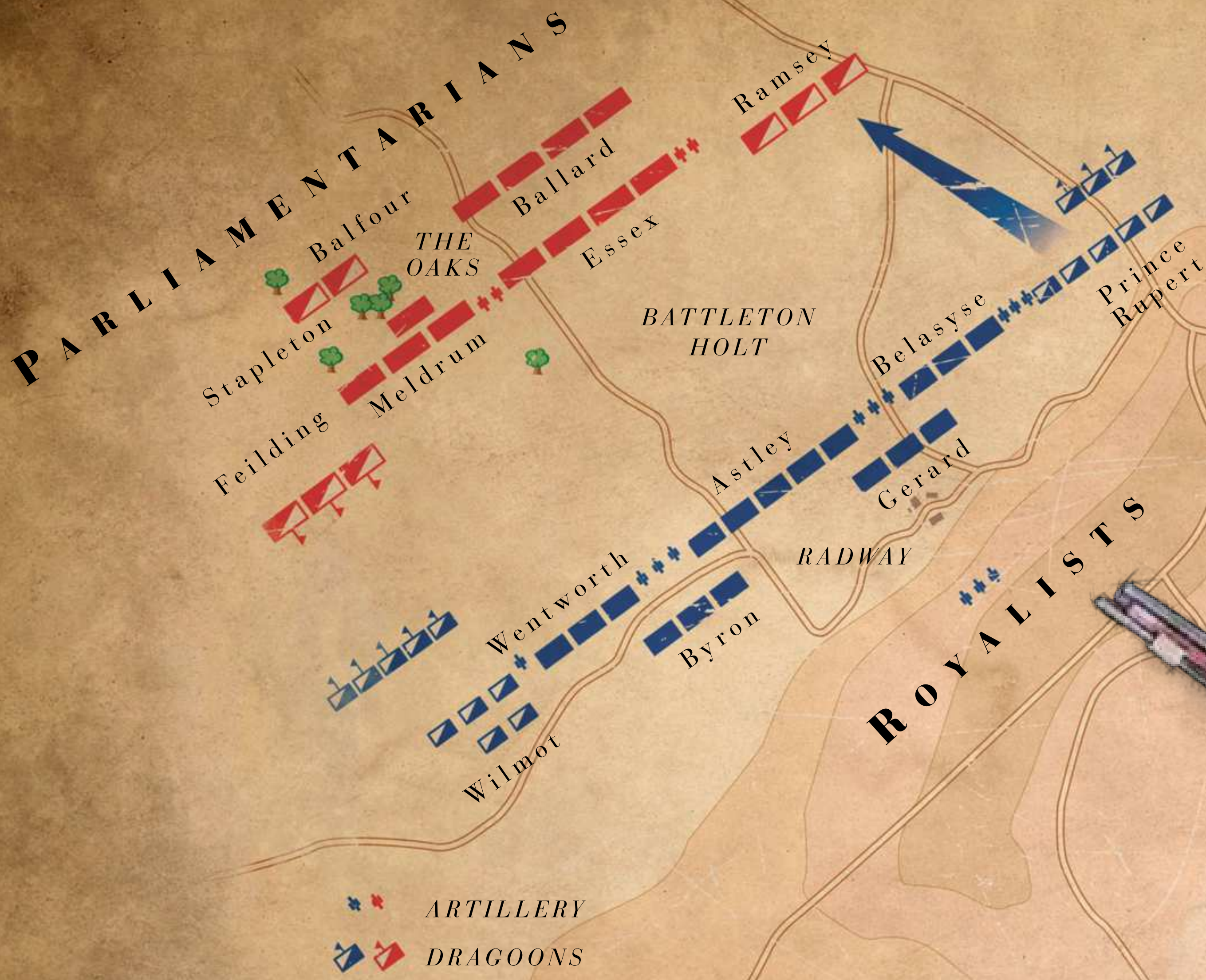
If you opted for II

Did you support the red rose? If you chose this option (as Stanley did), you would have ensured that the Tudors won the day. Henry Tudor – crowned Henry VII after this victory – was so grateful, he made you the Earl of Derby, Lord High Constable of England and High Steward of the Duchy of Lancaster. Not bad for two hours' work!



“Keep your faith in god,
but keep your powder dry”

- OLIVER CROMWELL


PARLIAMENTARIANS
Ramsey
Ballard
Balfour
THE OAKS
Essex
Stapleton
Meldrum
Feilding
BATTLETON HOLT
Belasyse
Prince Rupert
Astley
Gerard
RADWAY
Wentworth
Byron
Wilmot
ROYALISTS
ARTILLERY
DRAGOONS

BREAK THE SIEGE

Battlefield 1642

King Charles I of England was not popular with his country's Parliament due to his overt Catholic sympathies. When he couldn't get Parliament's support he simply dissolved it, only to reinstate it when he needed to raise taxes and quell a Scottish rebellion.

It wasn't long before the nation was split into two warring factions: the Parliamentarian 'Roundheads' and Royalist 'Cavaliers'. You will join the Royalists, who have made Nottingham their new capital after the king was forced to flee London. Decisive action is called for, so the king has levied a large army and now marches back on London. The English Civil War has begun!

THE BATTLEFIELD

Providence shines on you this day – you are commanded by the king himself along with the highly capable Prince Rupert. With typical flamboyancy, Rupert's elite cavalry smashes into the enemy's left flank, routing a whole brigade of Parliamentarian horse!

AVAILABLE FORCES

CAVALIER ARMY

15,000 troops (including **3,000** cavalry and **1,000** dragoons).

ROUNDHEAD ARMY

15,000 troops (including **2,000** cavalry and **700** dragoons).

STRATEGY

How best can you take advantage of this situation?

WHAT SHOULD YOU DO?

I

Pursue the fleeing Roundheads to ensure they do not reform.

II

Let the cowards flee while you re-join the main battle.

III

Rest and regroup.

> "If our troops are no more in number than the enemy, that is amply sufficient; it only means that no direct attack can be made. What we can do is simply to concentrate all our available strength, keep a close watch on the enemy, and obtain reinforcements." - *Sun Tzu*

SOLUTION OVERLEAF

SOLUTION

Battle of Edgehill

This was the Battle of Edgehill. Rupert's impetuousness was a blessing and a curse.

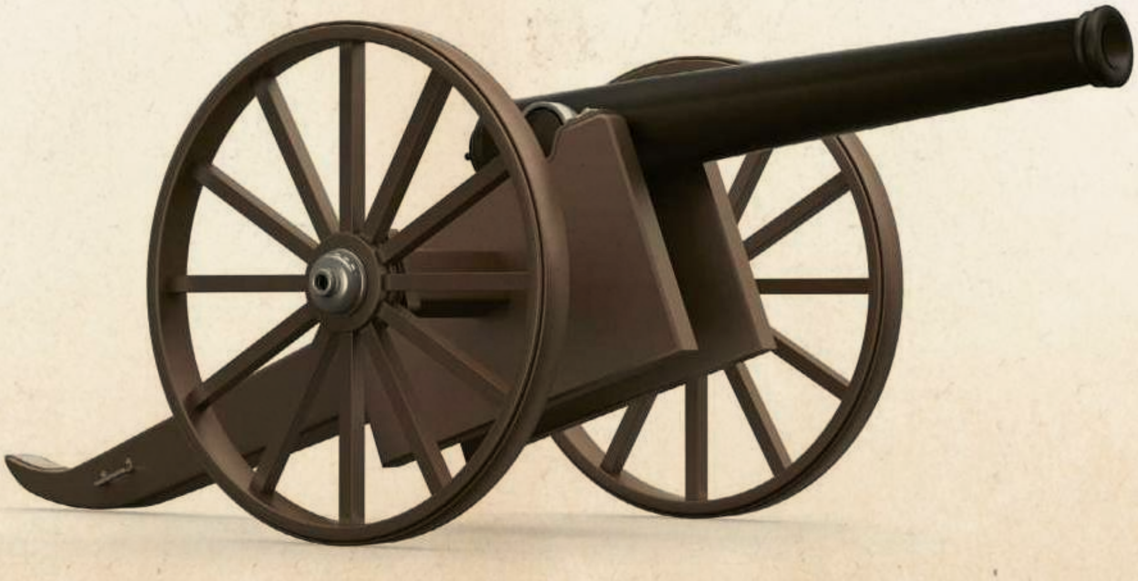
If you opted for I

Rupert chose to pursue his routed foes, but the battle was inconclusive and the Royalists failed to take any ground.

* * *

If you opted for II

You advised him to re-join the main battle, and you may just have ended things decisively. Unfortunately, we will never be sure.



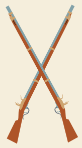
THE BALANCE OF POWER III

IT'S TIME AGAIN TO KEEP THE ENEMY FORCES IN
CHECK WHILE YOU AWAIT REINFORCEMENTS.

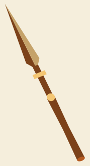
AVAILABLE FORCES

Your units consist of pikemen and musketeers, and the enemy's comprise cavalry. Assume that your units are of exactly equal quality to those of the enemy, so the number and type of unit is all that matters.

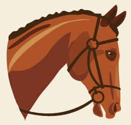
MUSKETEER



PIKEMAN

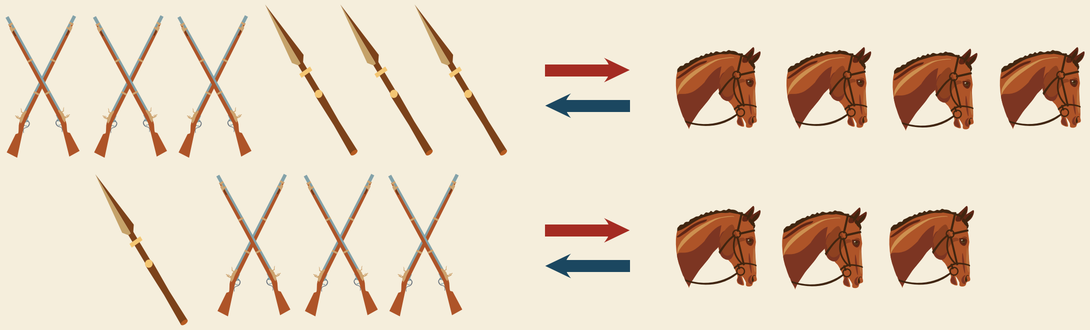


CAVALRY



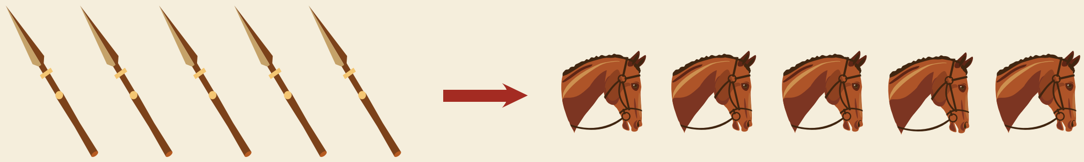
THE BATTLEFIELD

The following units are perfectly matched and locked in stalemate.



STRATEGY

Your line of five pikemen face an enemy squadron of five cavalry.
What is the minimum number of musketeers you must send to even the odds?

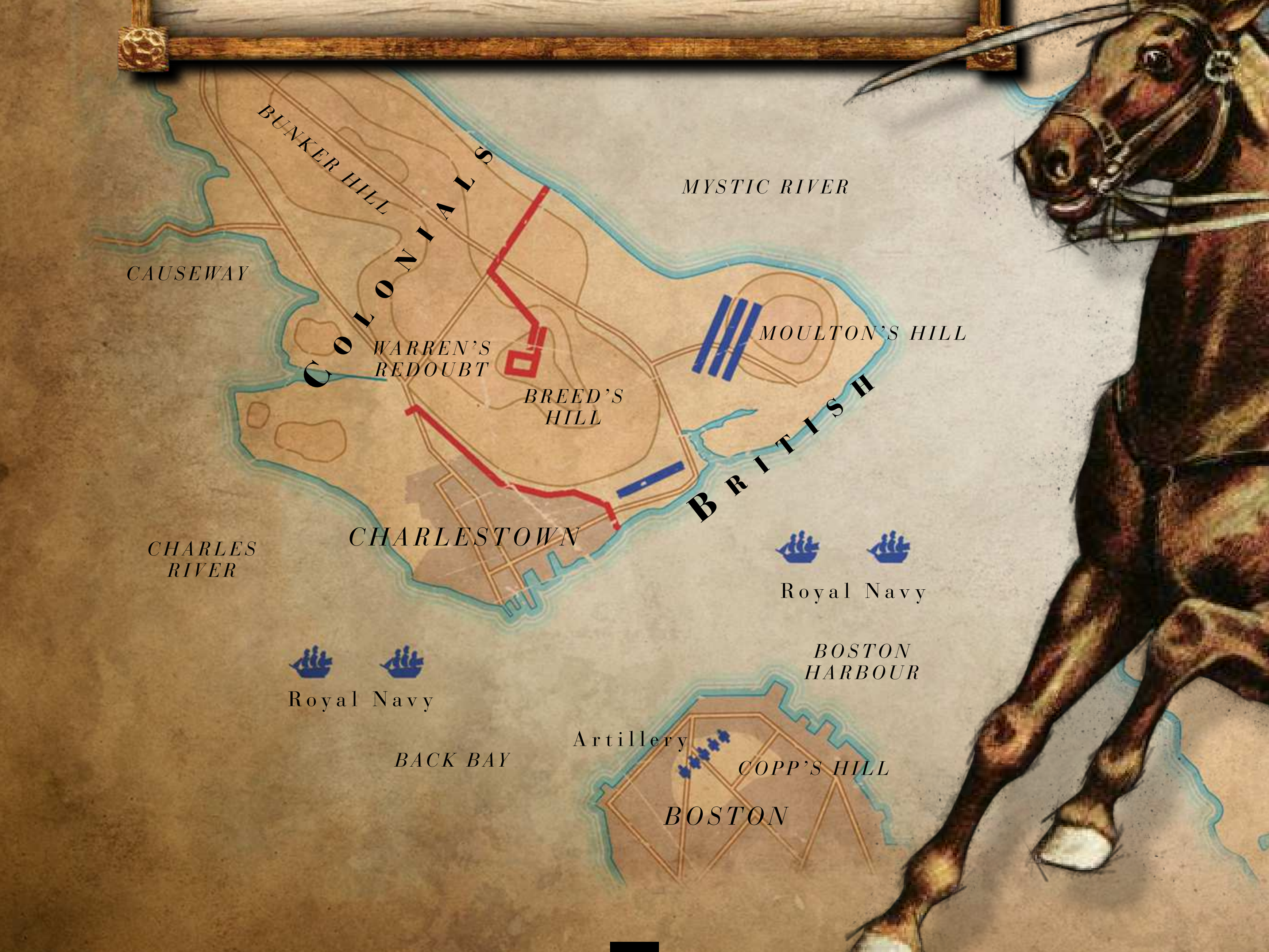


SOLUTION ON PAGE 127

A TAXING ENCOUNTER

Battlefield 1775

In the 1760s, the 13 British Colonies in North America were unhappy – they had no representation in the English Parliament but were still expected to pay taxes to the crown. When unhappiness turned to open rebellion, the British sent troops to suppress the colonial militias. However, this simply poured fuel on the fire, and soon the conflict escalated into all-out war. You join the British for this battle. Your army is stationed at the Charlestown Peninsular and your supplies are running low. You need to get to higher ground so you can take control of the surrounding area, including Boston Harbour.


BUNKER HILL
COLONIALS
MYSTIC RIVER
CAUSEWAY
WARREN'S REDOUBT
MOULTON'S HILL
BREED'S HILL
BRITISH
CHARLES RIVER
CHARLESTOWN
Royal Navy
Royal Navy
BOSTON HARBOUR
Artillery
BACK BAY
COPP'S HILL
BOSTON

THE BATTLEFIELD

The enemy Colonials have started erecting fortifications around the hills, so you have ordered a naval barrage to hamper their efforts. This was only partially successful, however, so now it is time to send in your formidable redcoats.

AVAILABLE FORCES

BRITISH FORCE
2,000 Redcoats.

COLONIAL FORCE
1,000 Militia.

STRATEGY

Your troops are more highly trained than the enemy militia. Moreover, the Colonials are low on ammunition. Nonetheless, they have dug in and are determined – their commander, Colonel Prescott, has vowed to “fight to the gates of Hell”.

WHAT OUTCOME DO YOU PREDICT FOR YOUR SIDE?

I
A decisive victory.

II
A pyrrhic victory.

III
A standoff.

IV
A humiliating defeat.

SOLUTION OVERLEAF

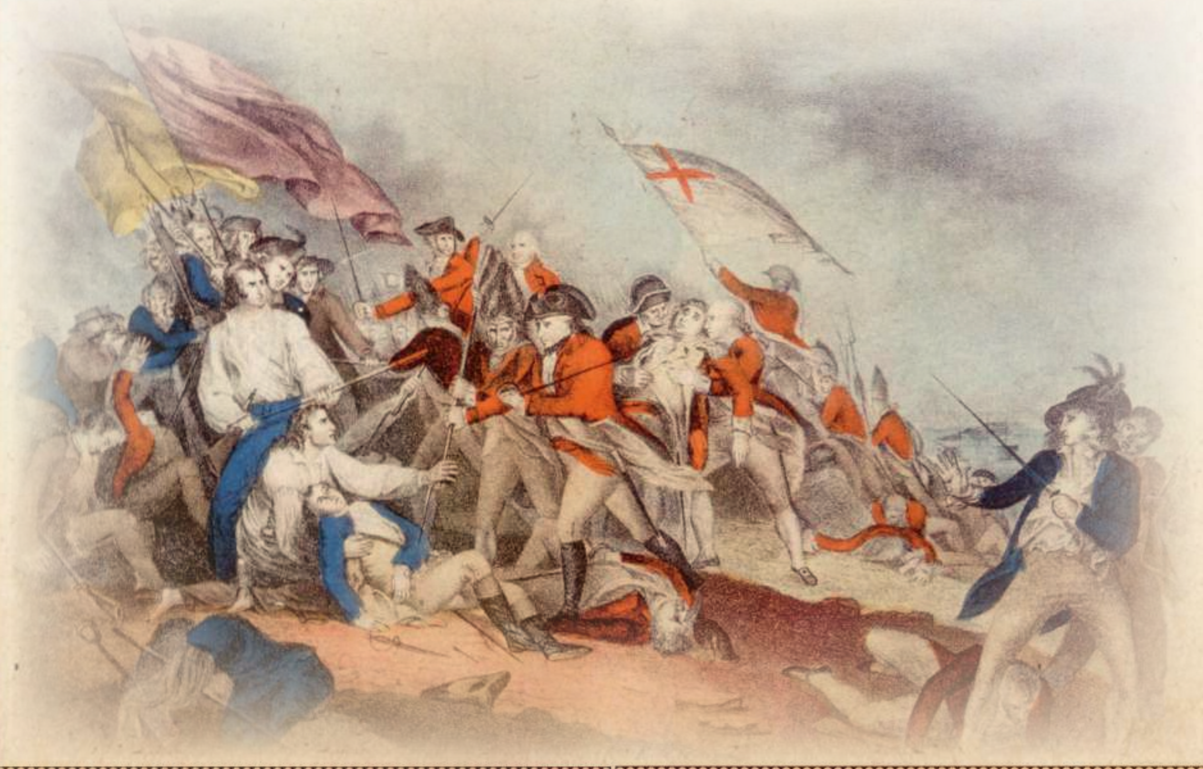
SOLUTION

Battle of Bunker Hill

This was the Battle of Bunker Hill. The British assaulted the hill three times and were only successful on their final attempt, when the Colonials had run out of ammunition. Although you took your objective, the cost was very high – over 1,000 men lost their lives, compared with fewer than 500 for the enemy.

IF YOU OPTED FOR II

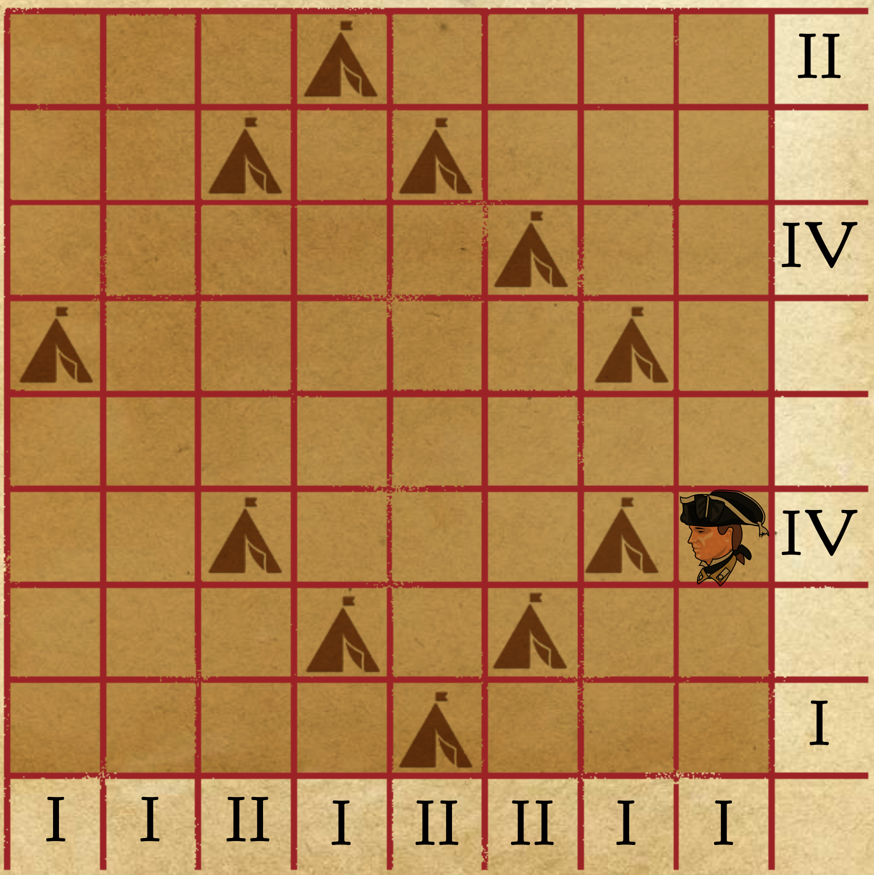
YOUR VICTORY CAN THEREFORE ONLY BE DESCRIBED AS PYRRHIC, SINCE THE STRATEGIC LOSS OF THE HILL WAS OFFSET BY A SIGNIFICANT MORALE-BOOST TO THE COLONIAL ARMY.



SENTRY DUTY III

TIME ONCE MORE TO ENSURE YOUR FORCE'S TENTS ARE SUFFICIENTLY GUARDED.

You must assign a guard to each of your tents on the map below. The numbers in the periphery tell you how many guarded squares are in each line and column. Remember that there is no Roman numeral for zero. No guard can be placed in a square that shares a line or corner with another guarded square. Each tent square must be protected by one guard in an adjacent square (sharing a line not a corner).

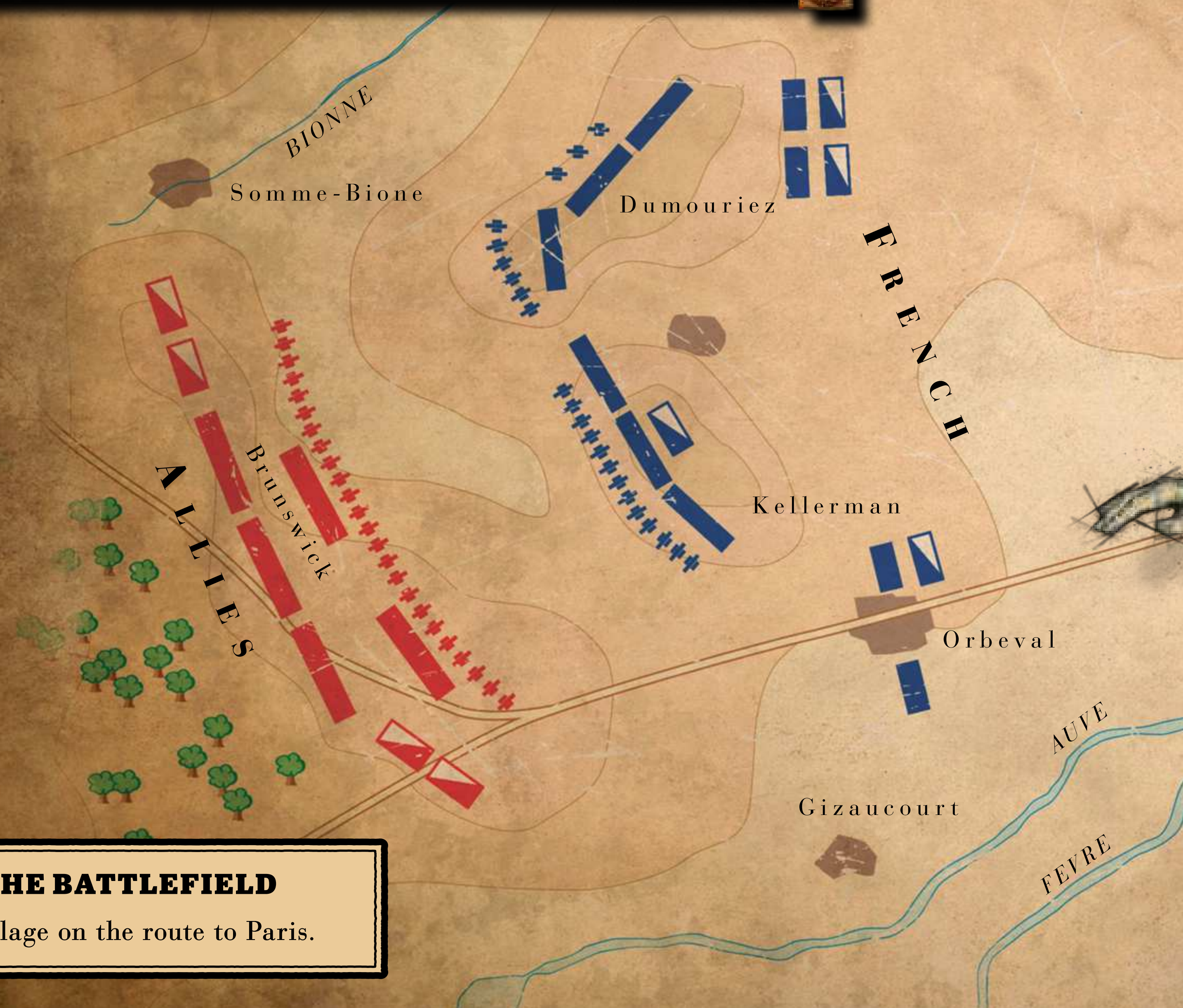


SOLUTION ON PAGE 127

VIVE LA REVOLUTION!

Battlefield 1792

Helping America to win its independence bankrupted the Kingdom of France and paved the way for a revolution of its own. However, the surrounding monarchies were not keen to see revolutionary fervour spread to their own kingdoms, and they responded by taking up arms and invading France. Today you join the brave sons of France as they face the combined might of Prussia, the Holy Roman Empire and the royalist army of Condé. They are marching on Paris!


BIONNE
Somme-Bione
Dumouriez
FRENCH
ALLIES
Brunswick
Kellerman
Orbeval
AUVE
Gizaucourt
FEVRE

THE BATTLEFIELD

A village on the route to Paris.

"The Moral Law causes the people
to be in complete accord with
their ruler, so that they will follow
him regardless of their lives,
undismayed by any danger."
- *Sun Tzu*

AVAILABLE FORCES

FRENCH ARMY
32,000 MEN (A MIXTURE OF ENTHUSIASTIC VOLUNTEERS AND ROYAL ARMY VETERANS, INCLUDING YOUR FORMIDABLE ARTILLERY UNITS).

INVADING ALLIED ARMY
34,000 MEN.

STRATEGY

WHICH FACTORS DO YOU THINK WILL PLAY THE GREATER PART IN THIS BATTLE?

I
FRENCH REVOLUTIONARY SPIRIT.

II
FRENCH ARTILLERY.

III
PRUSSIAN CAVALRY.

IV
LOYALTY TO ROYALTY.

SOLUTION OVERLEAF

SOLUTION

Battle of Valmy

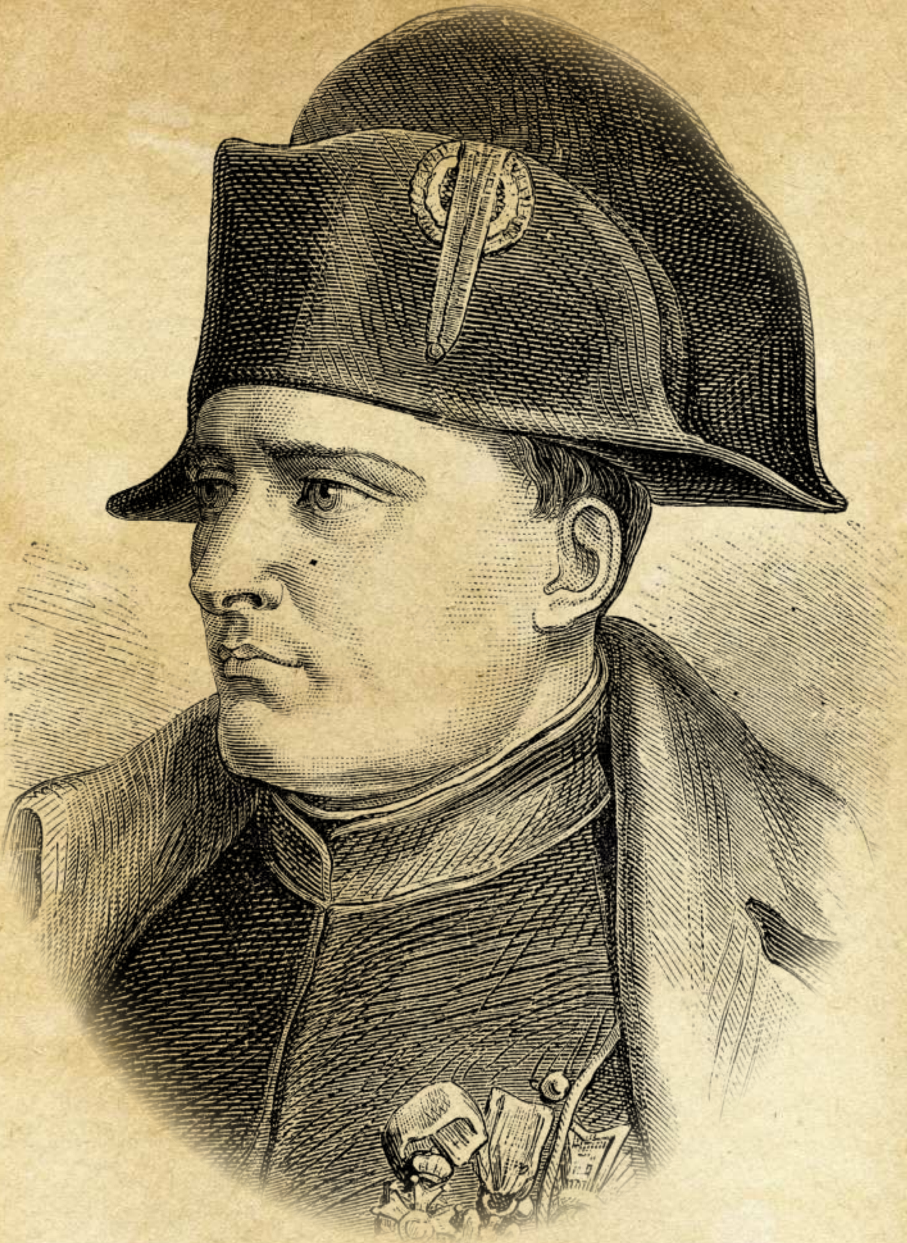
You have fought in the Battle of Valmy, a defining moment in the French Revolution.

If you opted for I

After the Prussian morale wavered (see below), your general Kellerman shouted, "Vive la nation!" and the whole French army took up the cry. It was ultimately your revolutionary spirit that broke the enemy's resolve that day and made them flee from the field.

If you opted for II

Despite being outnumbered, the French guns stymied the Prussian advance and caused their morale to waver, which was the first major turning point in the battle.



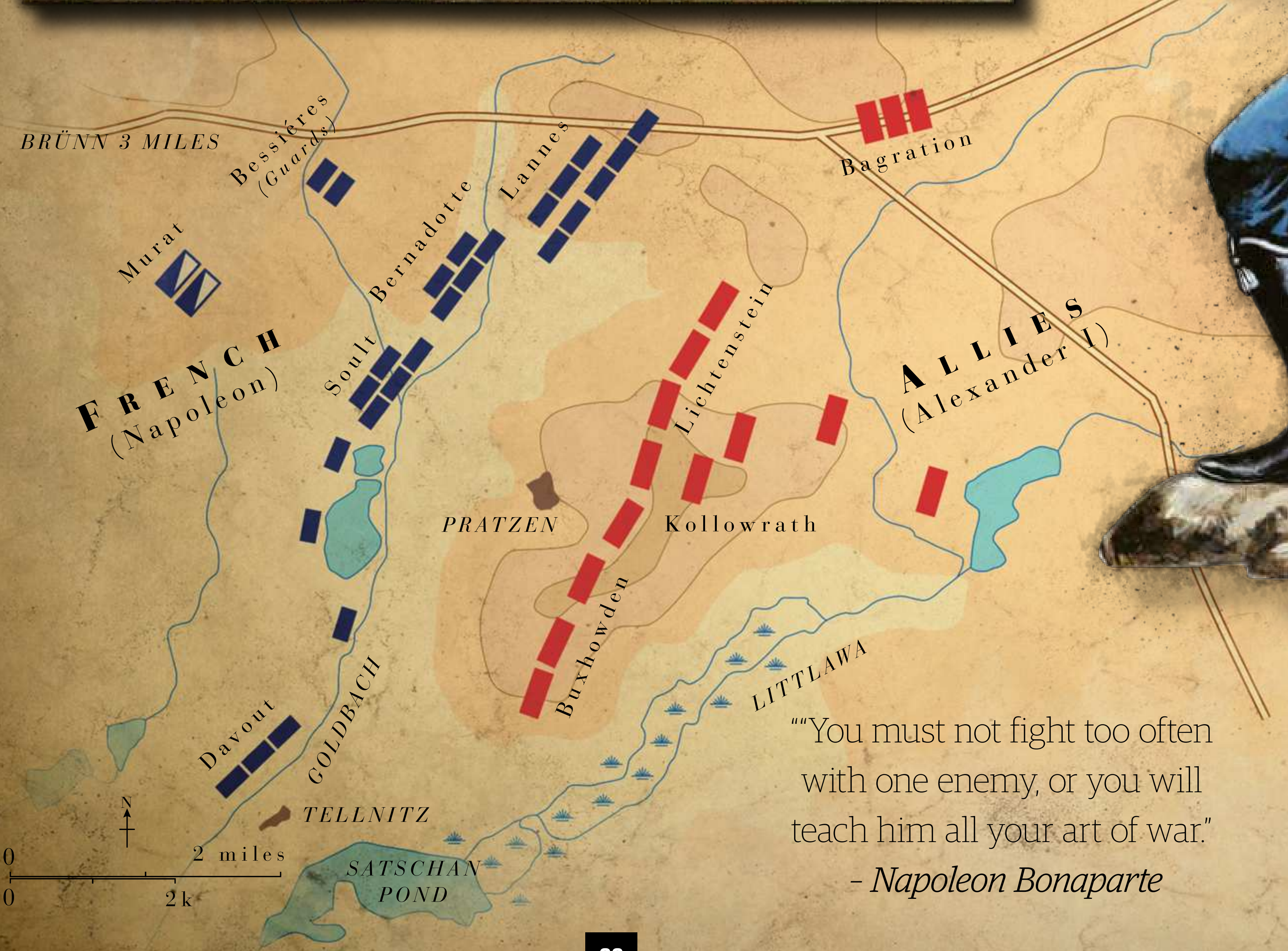
"He who fears being
conquered is sure of defeat."

*– **NAPOLEON BONAPARTE***

THIRD TIME LUCKY

Battlefield 1805

It is as if the whole world makes war against France! You have so far defeated not one but two coalitions who sought your demise, and still they come. Never one to downplay his triumphs, Napoleon has crowned himself emperor and now confronts a Third Coalition, which includes Britain, Russia and the Holy Roman Empire. An Austro-Russian army marches towards your borders, and the emperor has sent the Grand Armée to intercept them and drive them back.


BRÜNN 3 MILES
Bessiéres (Guards)
Murat
Bernadotte
Lannes
Bagration
FRENCH (Napoleon)
Soult
Lichtenstein
ALLIES (Alexander I)
PRATZEN
Kollowrath
Buxhowden
LITTLAWA
Davout
GOLDBACH
N
TELLNITZ
0
2 miles
0
2k
SATSCHAN POND

""You must not fight too often with one enemy, or you will teach him all your art of war."

– *Napoleon Bonaparte*

AVAILABLE FORCES

FRENCH ARMY
Approximately **75,000** men.

COALITION ARMY
Approximately **73,000** men, commanded by Alexander I .

STRATEGY

What advice would you give to Napoleon?

I
Order Marshal Soult to reinforce the right wing.

II
Leave things as they stand – you are not as vulnerable as you look.

III
Withdraw, since the enemy holds the high ground and is unlikely to cede it.

IV
Order the entire Grande Armée forward to create a stronger battle line.

SOLUTION OVERLEAF

THE BATTLEFIELD

The battlefield is almost seven miles wide, and a heavy mist hangs over much of it. The enemy has occupied the only high ground. Your right wing is particularly vulnerable as it awaits the arrival of Marshal Davout's III Corps, which is on a 70-mile forced march. If the enemy charges down from the hill, you will not be able to reinforce it in time.

SOLUTION

Battle of Austerlitz

You have taken part in Napoleon's masterpiece – the Battle of Austerlitz.

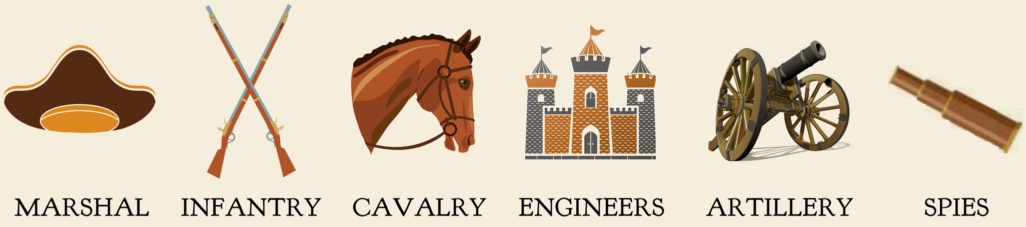
If you opted for II

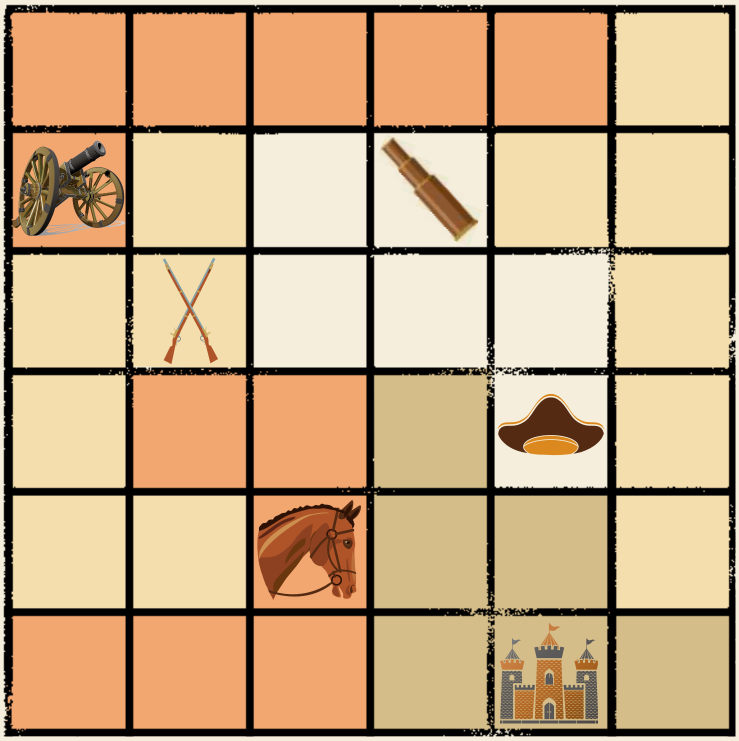
If you had put your faith in the Emperor and left things as they were, you would have seen his genius. Napoleon knew that the enemy would not be able to resist the vulnerable right flank and would leave the high ground in order to destroy it. The heavy mist helped to disguise the strength and dispositions of the Grande Armée. As the coalition forces descended, the main French forces smashed their centre and, after a long, bloody melee, were able to swing round and trap the enemy, who were now engaged with Davout. The battle was a total victory for Napoleon.

HARD CORPS

Napoleon innovated the corps system for his Grande Armée. Each corps was effectively a small, semi-independent army. The simplified map below is divided into six regions, each of which must be occupied by a complete corps, consisting of six elements.

Place the following elements so that each one only occurs once in each region and on each line and column.


MARSHAL
INFANTRY
CAVALRY
ENGINEERS
ARTILLERY
SPIES



SOLUTION ON PAGE 127

A COALITION OF FOES

Battlefield 1813

The Sixth Coalition to oppose Napoleon consists of Britain, Sweden, Prussia, Austria, Portugal, Spain and Russia. Napoleon's dream of invading Britain had been dashed in 1805 when his fleet was defeated at the Battle of Trafalgar, and his subsequent invasion of Russia in 1812 also met with disaster. Nonetheless, his ambition of uniting Europe under his rule still burns brightly. The Grande Armée has thus initiated a massive offensive in Saxony.

AVAILABLE FORCES

FRENCH ARMY

190,000 men including **700** guns. Although much of the infantry lost in the Russian Campaign has been replenished, the cavalry is somewhat depleted.

COALITION ARMY

320,000 men – not a single army but the combined might of Sweden, Austria, Prussia and Russia.

STRATEGY

On the first day you gave the Prussians a bloody nose while the other Coalition armies held back. But your enemies gather like crows. What shall you do?

I

Hold the city and attempt to engage the Coalition armies individually.

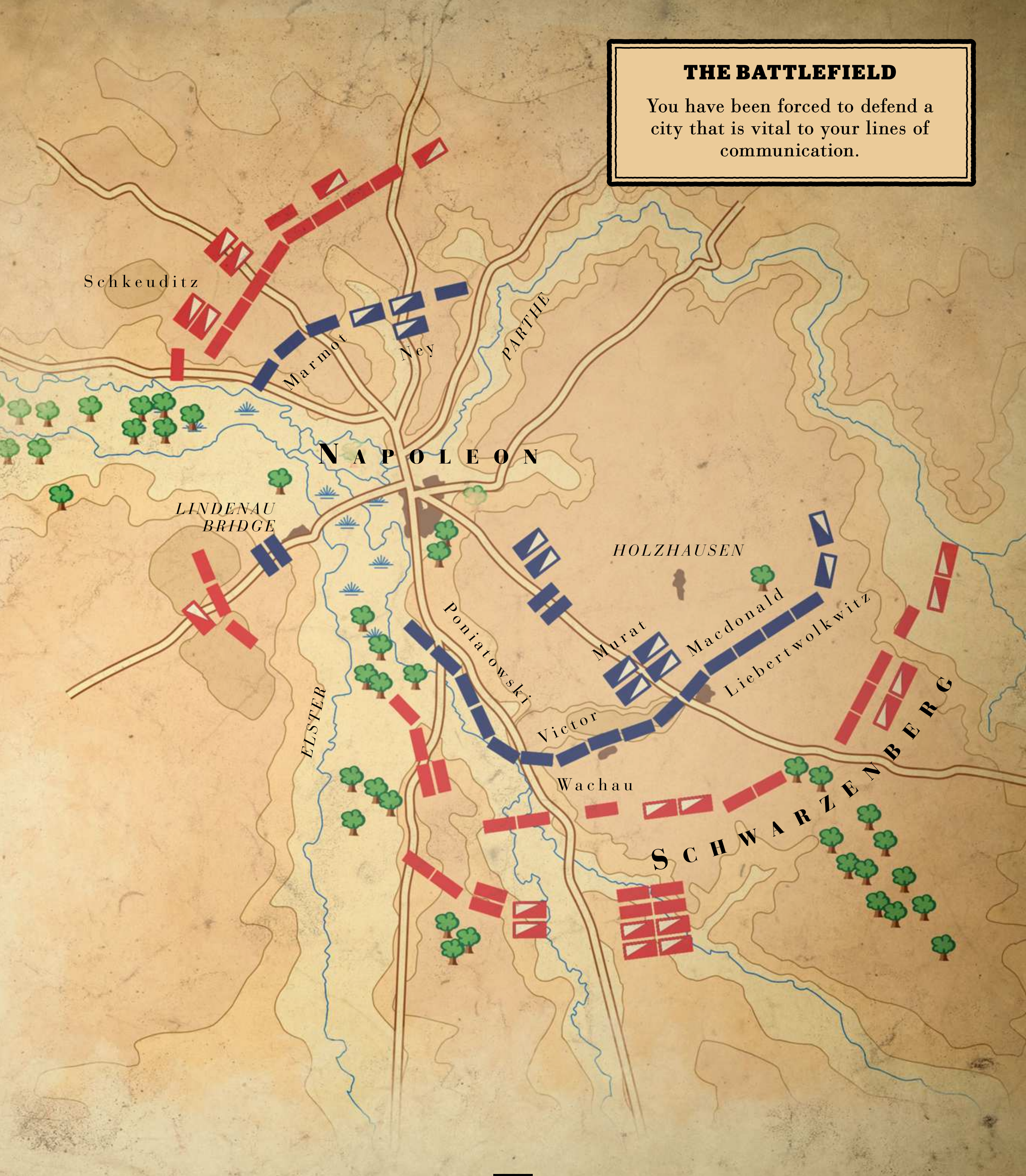
II

Concede the city and retreat.

SOLUTION ON PAGE 72

THE BATTLEFIELD

You have been forced to defend a city that is vital to your lines of communication.


Schkeuditz
Marmot
Ney
PARTHE
NAPOLEON
LINDENAU BRIDGE
HOLZHAUSEN
Poniatowski
Murat
Macdonald
Liebertwolkwitz
ELSTER
Victor
Wachau
SCHWARZENBERG

SOLUTION

Battle of Leipzig

The Battle of Leipzig was Napoleon's first decisive defeat.

If you opted for II

He should have retreated in good order before the Coalition consolidated their forces and surrounded the city. His depleted cavalry meant he was unable to pursue and destroy routed enemies, which allowed them to regroup over the three-day engagement. When his ammunition was depleted on the third day he was forced to retreat anyway, but a blunder by his engineers resulted in a bridge being prematurely demolished, leaving many troops on the wrong side of the river.

“If you know the enemy and know
yourself, you need not fear the
result of a hundred battles.

If you know yourself
but not the enemy,
for every victory gained you
will also suffer a defeat.

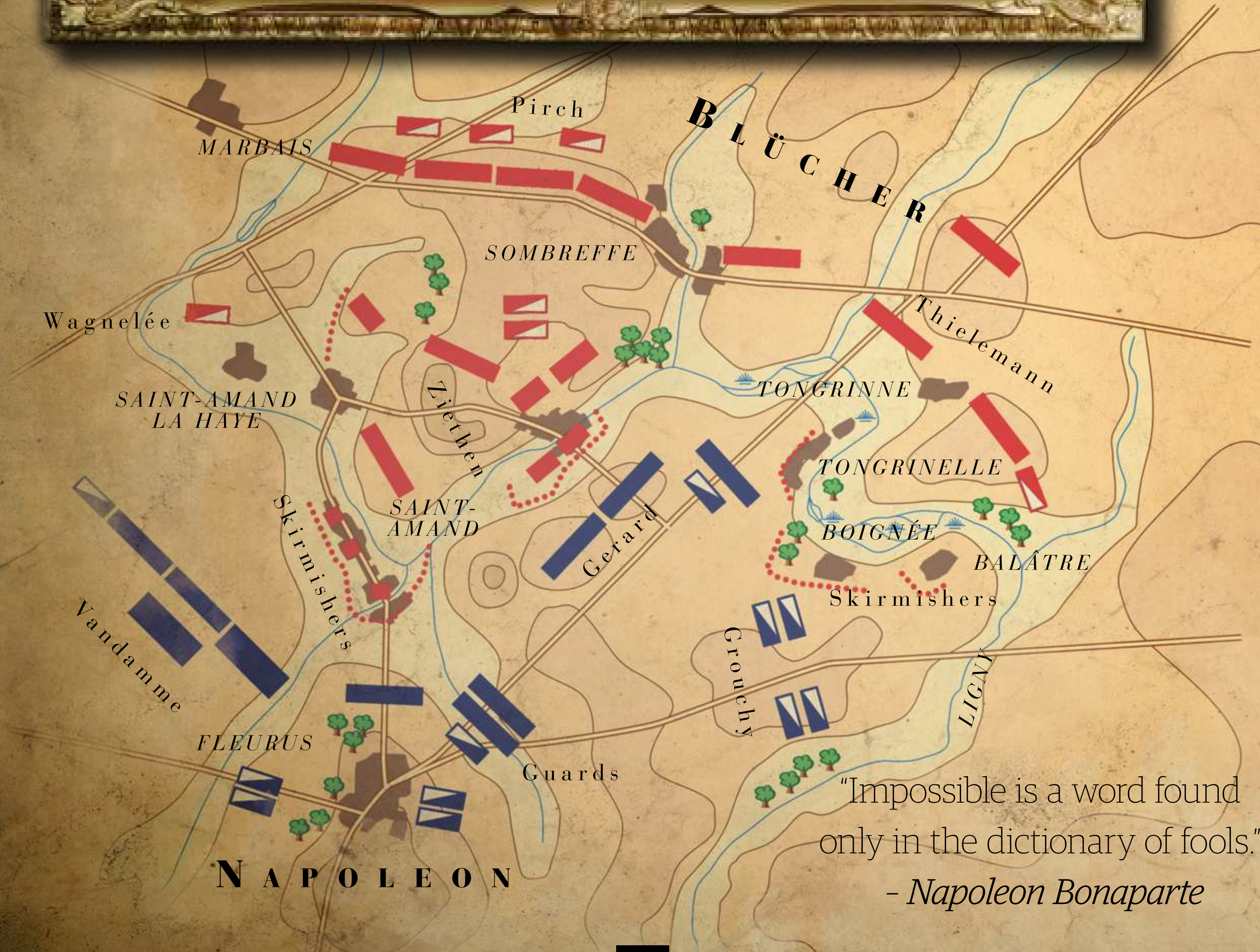
If you know neither the enemy
nor yourself, you will succumb
in every battle.”

*- **SUN TZU***

THE RETURN

Battlefield 1815

Napoleon suffered a major setback in 1814 when the Sixth Coalition defeated his army, invaded Paris and exiled him to the island of Elba. A lesser man might have settled into early retirement, but after just ten months in exile Napoleon returned to France (now ruled by the unpopular Bourbon monarchy) and received a hero's welcome. While the Coalition nations bickered at the Congress of Vienna, he raised an army and prepared to take back his empire. You shall meet your enemies in Belgium. The Prussians are the greatest threat so you shall deal with them first.


Pirch
BLÜCHER
MARBAIS
SOMBREFFE
Wagnelée
Thielemann
SAINT-AMAND LA HAYE
Ziethen
TONGRINNE
TONGRINELLE
Skirmishers
SAINT-AMAND
Gerard
BOIGNÉE
BALÂTRE
Skirmishers
Vandamme
Grouchy
LIGNY
FLEURUS
Guards
NAPOLEON

"Impossible is a word found only in the dictionary of fools."

– *Napoleon Bonaparte*

AVAILABLE FORCES

FRENCH ARMY
60,800 men, including **200** guns.

PRUSSIAN ARMY
84,000 men, including **220** guns.

STRATEGY

Blücher's army maintains a line of communication with the British-led army under Wellington to the northwest. If you can knock out the Prussians, you could swiftly win this war. What will be the outcome for Napoleon?

I
A tactical and strategic victory.

II
A tactical defeat but a strategic victory.

III
A tactical victory but a strategic defeat.

IV
A tactical, strategic and final defeat.

SOLUTION OVERLEAF

THE BATTLEFIELD

The enemy general, Gebhard von Blücher, has chosen the field of battle – a scattering of villages with undulating terrain and many rivers.

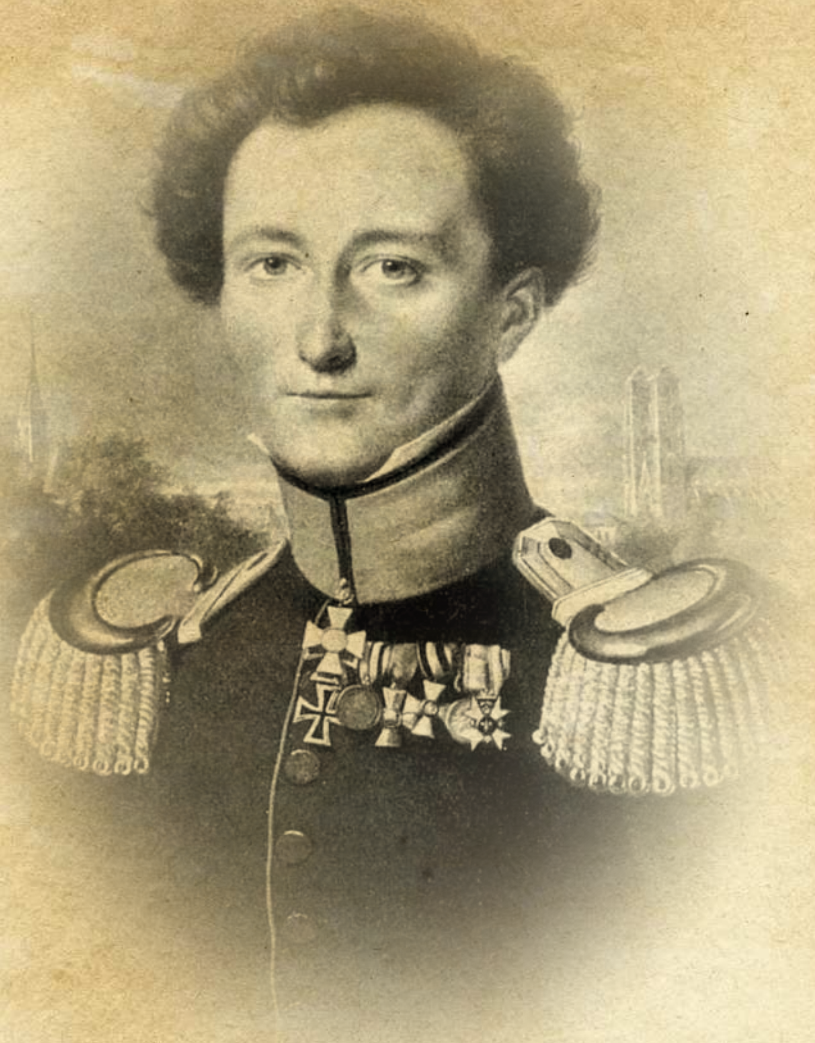
SOLUTION

Battle of Ligny

Napoleon's final victory was here, at the Battle of Ligny.

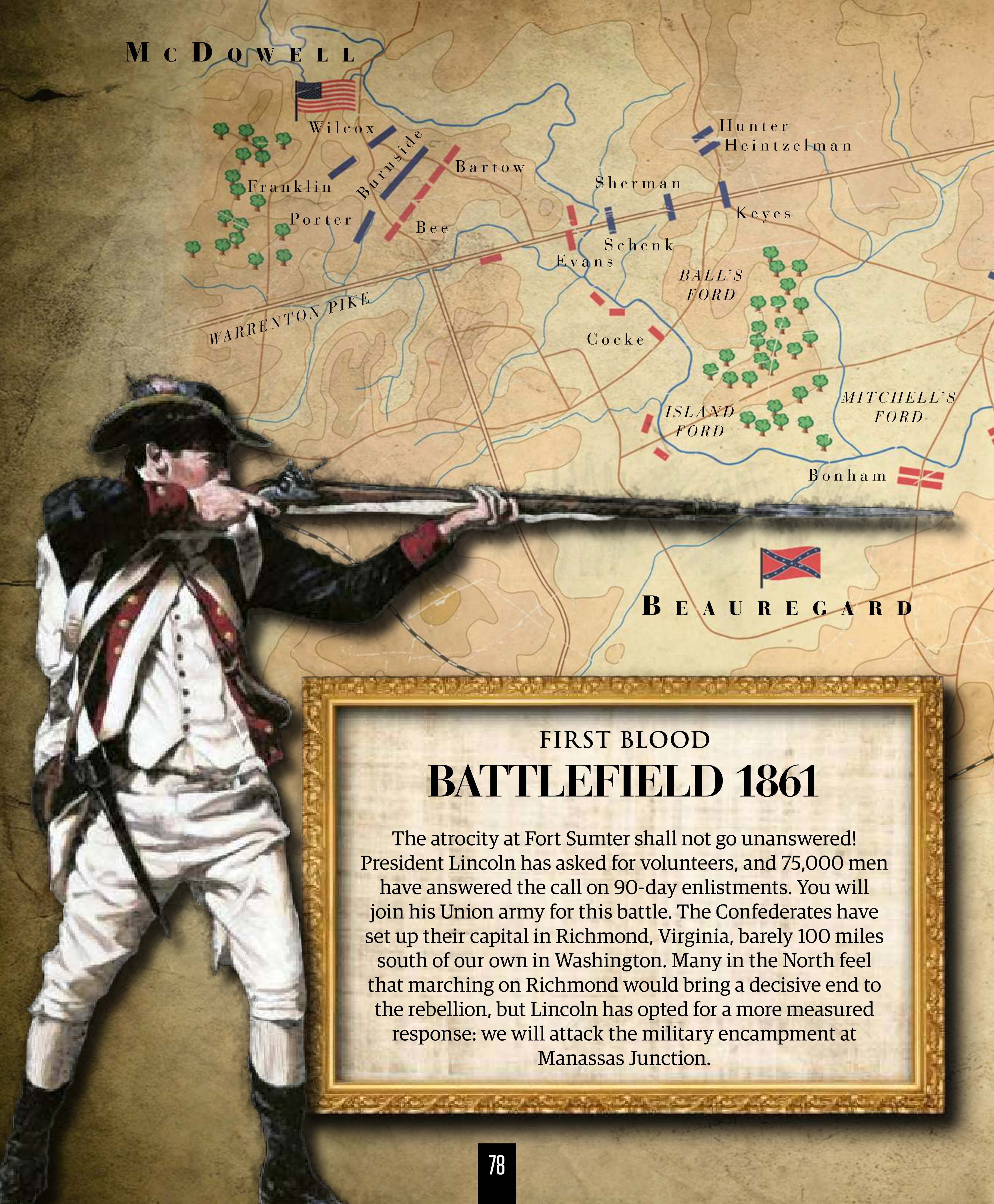
If you opted for III

The Prussians suffered considerable losses and were forced to retreat, but Napoleon was not able to destroy them. Blücher's army was able to regroup with the British and Prussian reinforcements two days later at the Battle of Waterloo, Napoleon's final defeat.



“War is not an
independent phenomenon,
but the continuation
of politics by other means”

– ***CARL VON CLAUSEWITZ***

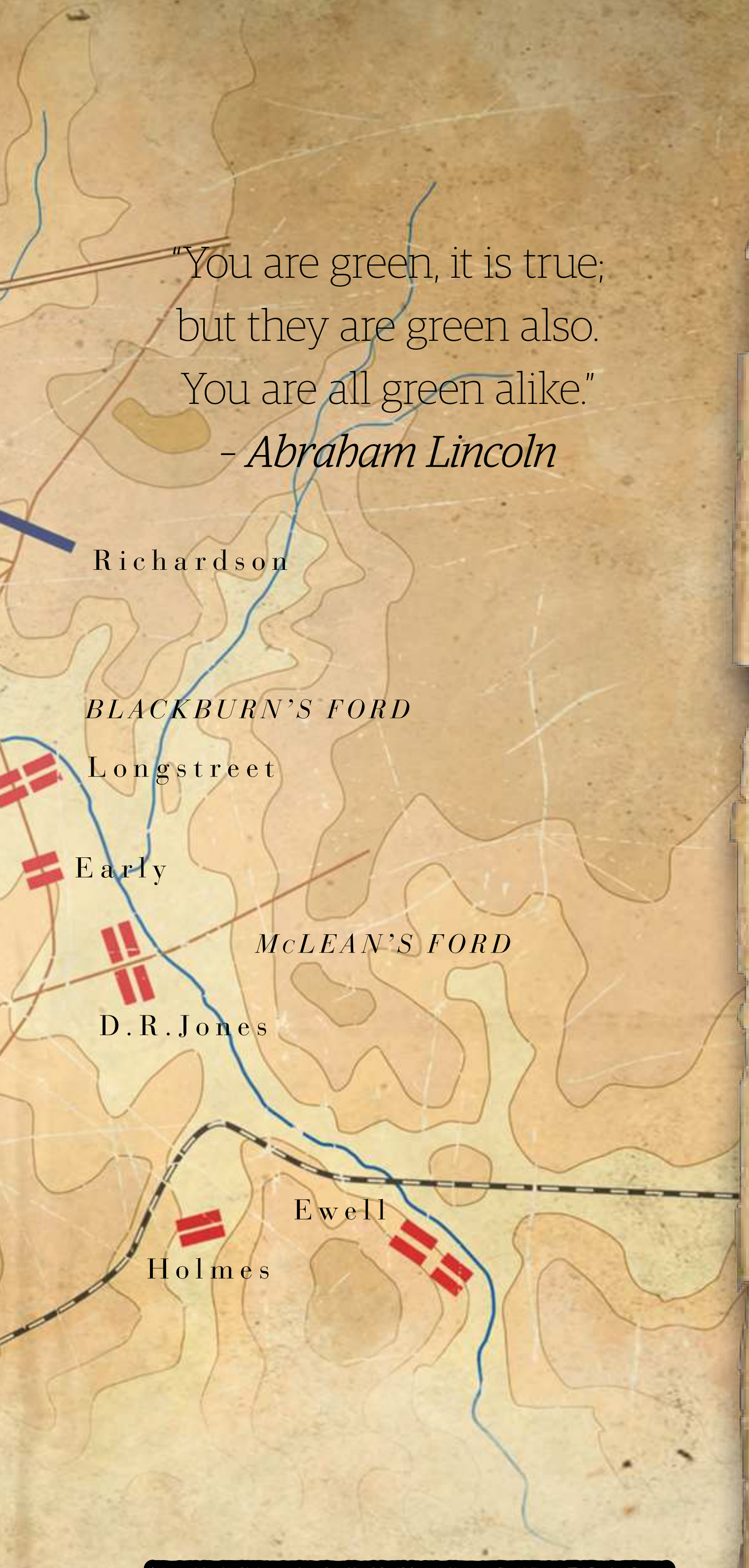

McDowell
Wilcox
Burnside
Bartow
Franklin
Porter
Bee
Hunter
Heintzelman
Sherman
Keyes
Schenk
Evans
BALL'S FORD
Cocke
Warrenton Pike
ISLAND FORD
MITCHELL'S FORD
Bonham
Beauregard

FIRST BLOOD

BATTLEFIELD 1861

The atrocity at Fort Sumter shall not go unanswered! President Lincoln has asked for volunteers, and 75,000 men have answered the call on 90-day enlistments. You will join his Union army for this battle. The Confederates have set up their capital in Richmond, Virginia, barely 100 miles south of our own in Washington. Many in the North feel that marching on Richmond would bring a decisive end to the rebellion, but Lincoln has opted for a more measured response: we will attack the military encampment at Manassas Junction.

"You are green, it is true;
but they are green also.
You are all green alike."
– *Abraham Lincoln*



THE BATTLEFIELD

The enemy is gathering not far from the Manassas Gap railroad, which has strategic importance. Some of the approach roads are not ideal for an army on the march and the heat has been unbearable.

AVAILABLE FORCES

UNION ARMY

Approximately **30,000** men, mostly raw recruits, under the command of General McDowell. Only **18,000** will be able to engage the enemy.

CONFEDERATE ARMY

Approximately **20,000** men, mostly infantry and also inexperienced, under the command of General P.G.T. Beauregard.

STRATEGY

Given that your troops are inexperienced, what piece of scriptural advice should you give?

I

Do not be like Cain, who belonged to the Evil One and murdered his brother. (John 3:12)

II

The plans of the diligent lead surely to advantage, but everyone who is hasty comes surely to poverty. (Proverbs 21:5)

III

Those who trust in their riches will fall, but the righteous will thrive like a green leaf. (Proverbs 11:28)

SOLUTION OVERLEAF

SOLUTION

FIRST BATTLE OF BULL RUN

The First Battle of Bull Run (called the Battle of Manassas by the Confederates) was the first major land battle of the Civil War. It was a decisive victory for the Confederacy.

If you opted for I

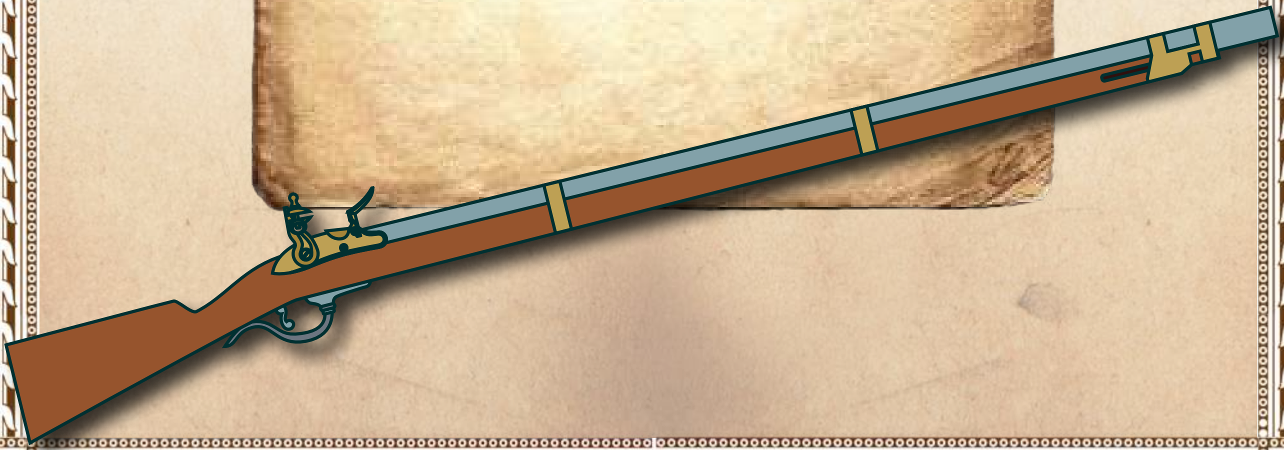
Admonishing your troops against killing their brothers would be absurd in a civil war and, in this battle, counterproductive. Some of the Confederates were wearing blue uniforms (the colour of the Union) and were not recognised as enemy soldiers until it was too late.

If you opted for II

One of the key factors in the Union's defeat at Bull Run was not haste but delay, which enabled the Confederates to reinforce and ultimately win the day.

If you opted for III

This would be the best advice. Many Union soldiers were approaching the end of their 90-day enlistment and were ready to return home, so they lacked the enthusiasm of the equally inexperienced Confederates.

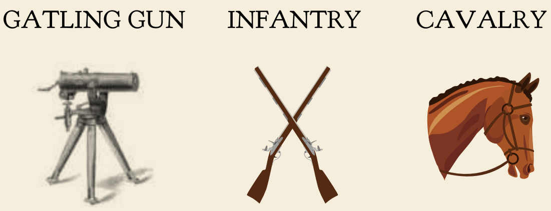


THE BALANCE OF POWER IV

IT'S THAT TIME AGAIN! HOW WILL YOU KEEP THE ENEMY AT BAY SO THAT YOUR REINFORCEMENTS CAN ARRIVE?

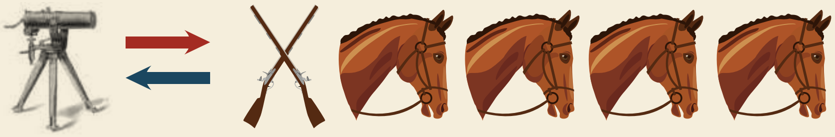
AVAILABLE FORCES

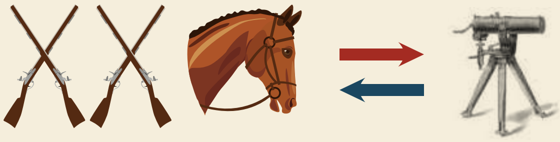
Your units consist of cavalry and infantry, and the enemy's comprise Gatling guns. Assume that your units are of exactly equal quality to those of the enemy, so the number and type of unit is all that matters.



THE BATTLEFIELD

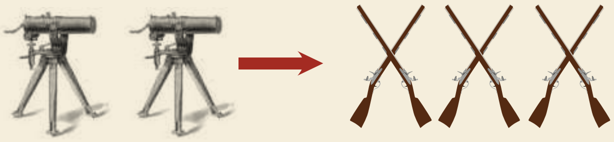
The following units are perfectly matched and locked in stalemate.





STRATEGY

The enemy have set up two Gatling guns. You have three infantry marching towards them. How many cavalry should you send to even the odds?



SOLUTION ON PAGE 128

MARYLAND

BATTLEFIELD 1862

You must now report to General George B. McClellan and enlist with the Union army. The Confederates have recently had a string of victories that have emboldened them to invade the North. This is the first time they have set foot on your soil, and you must ensure it is the last!

AVAILABLE FORCES

UNION ARMY
General George B. McClellan
commands **87,000** men.

CONFEDERATE ARMY
General Robert E. Lee
commands **38,000** men.

STRATEGY

What strategy do you propose?

I
Force concentration – overwhelm a section of the enemy with sheer numbers.

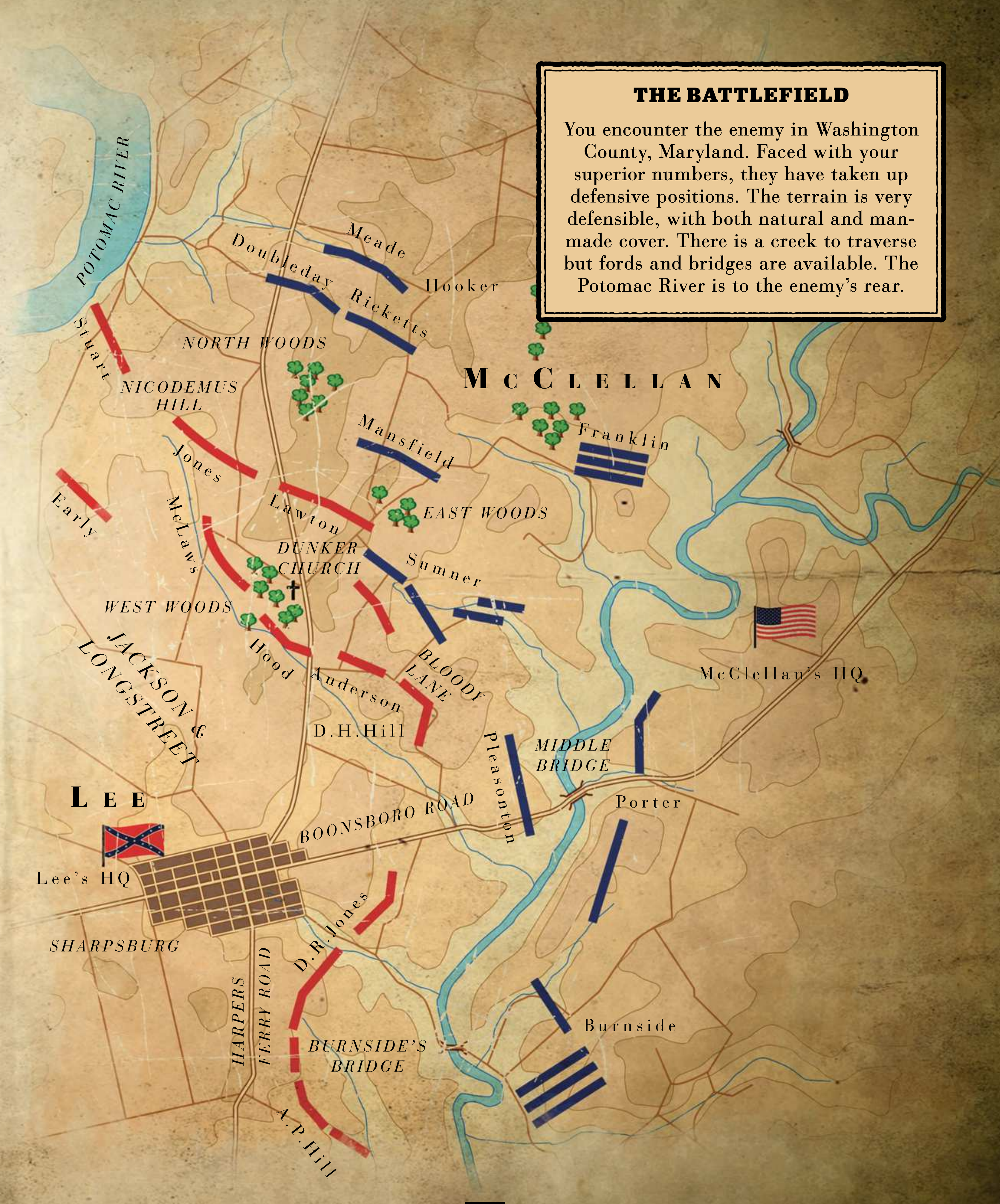
II
Defensive positions – dig in and prepare for a protracted firefight.

III
Feigned retreat – pretend to run to draw the enemy out of their defensive positions.

SOLUTION ON PAGE 84

THE BATTLEFIELD

You encounter the enemy in Washington County, Maryland. Faced with your superior numbers, they have taken up defensive positions. The terrain is very defensible, with both natural and man-made cover. There is a creek to traverse but fords and bridges are available. The Potomac River is to the enemy's rear.


POTOMAC RIVER
Meade
Doubleday
Ricketts
Hooker
Stuart
NORTH WOODS
NICODEMUS HILL
McCLELLAN
Mansfield
Franklin
Jones
Early
McLaws
Lawton
EAST WOODS
DUNKER CHURCH
Sumner
WEST WOODS
JACKSON & LONGSTREET
Hood
Anderson
BLOODY LANE
McClellan's HQ
D.H.Hill
Pleasonton
MIDDLE BRIDGE
LEE
Porter
BOONSBORO ROAD
Lee's HQ
D.R.Jones
SHARPSBURG
HARPERS FERRY ROAD
BURNSIDE'S BRIDGE
Burnside
A.P.Hill

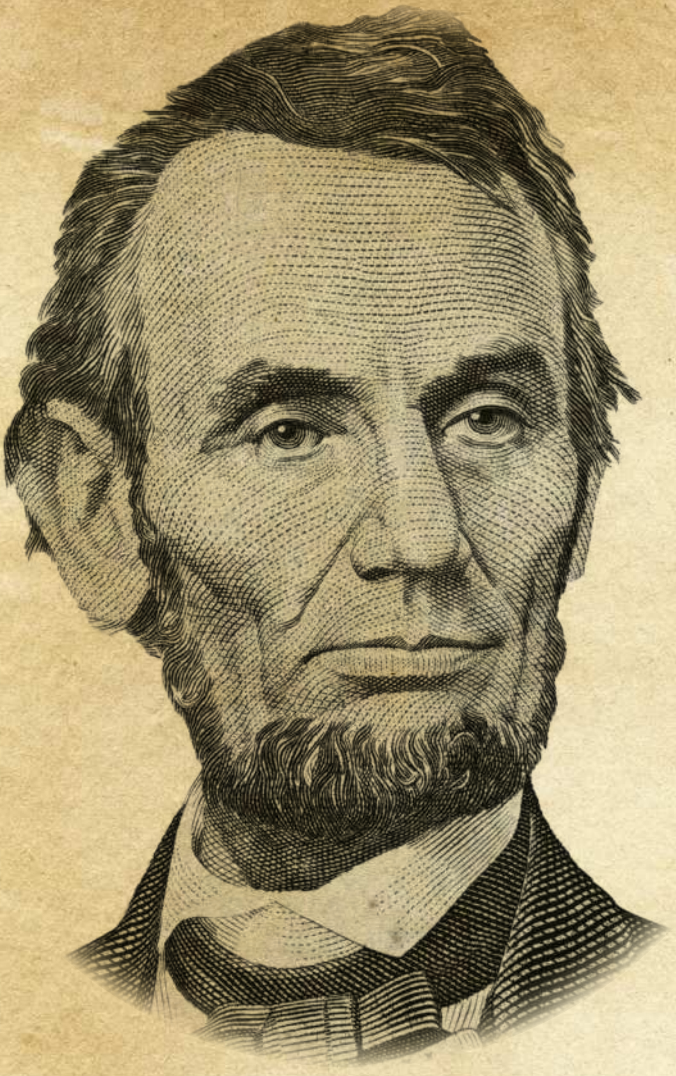
SOLUTION

BATTLE OF ANTIETAM

The Battle of Antietam was tactically a draw, although it is regarded as a strategic victory for the Union because Lee's advance was halted and he retreated back to Virginia. In any case, it proved to be the bloodiest battle of the war, with over 22,000 casualties.

If you opted for I

it has been argued that McClellan was too cautious. if he had been more aggressive, he could have overrun the Confederate army with superior numbers, and possibly brought the war to a swifter conclusion.



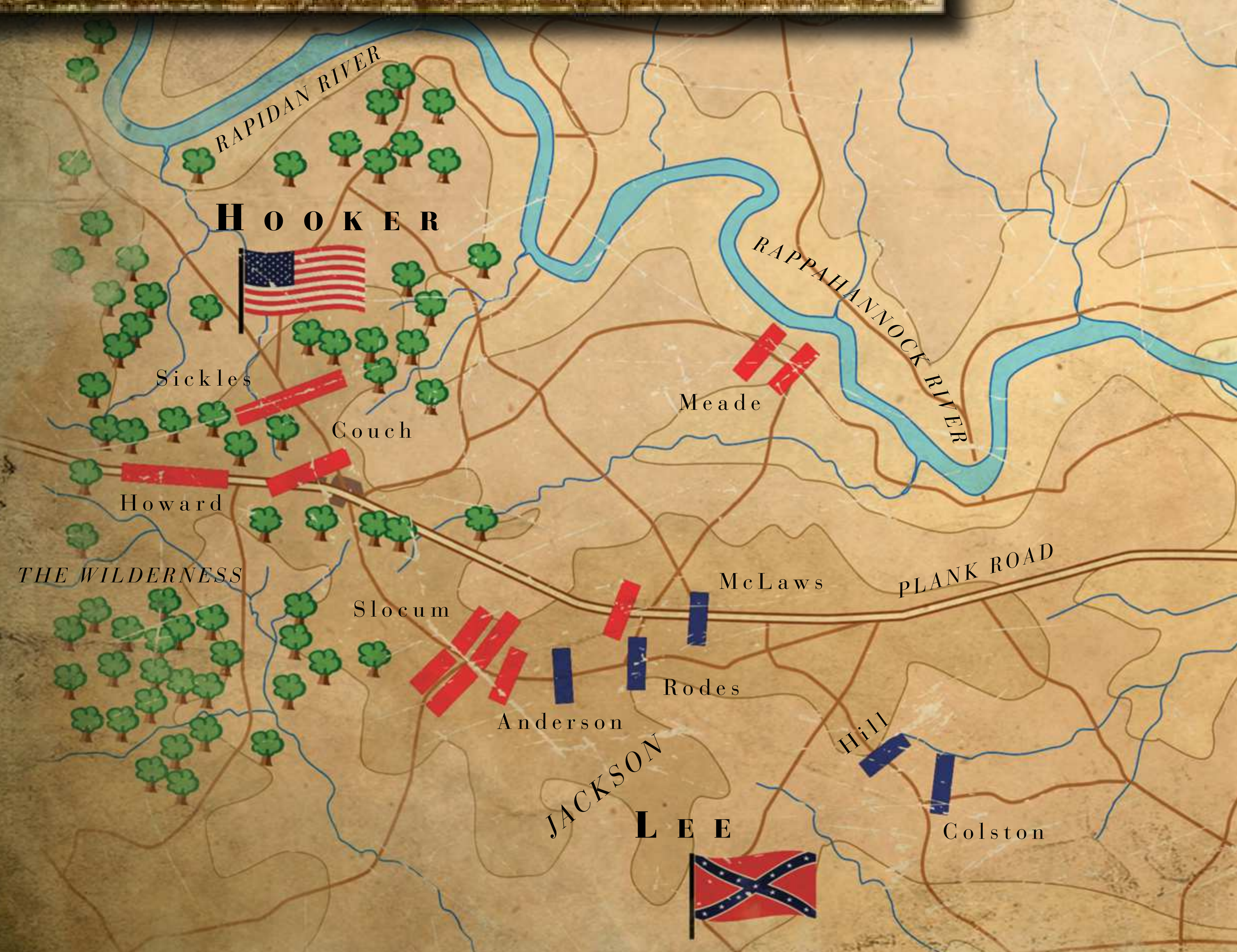
“War, at the best, is terrible,
and this war of ours,
in its magnitude and in
its duration, is one of
the most terrible.”

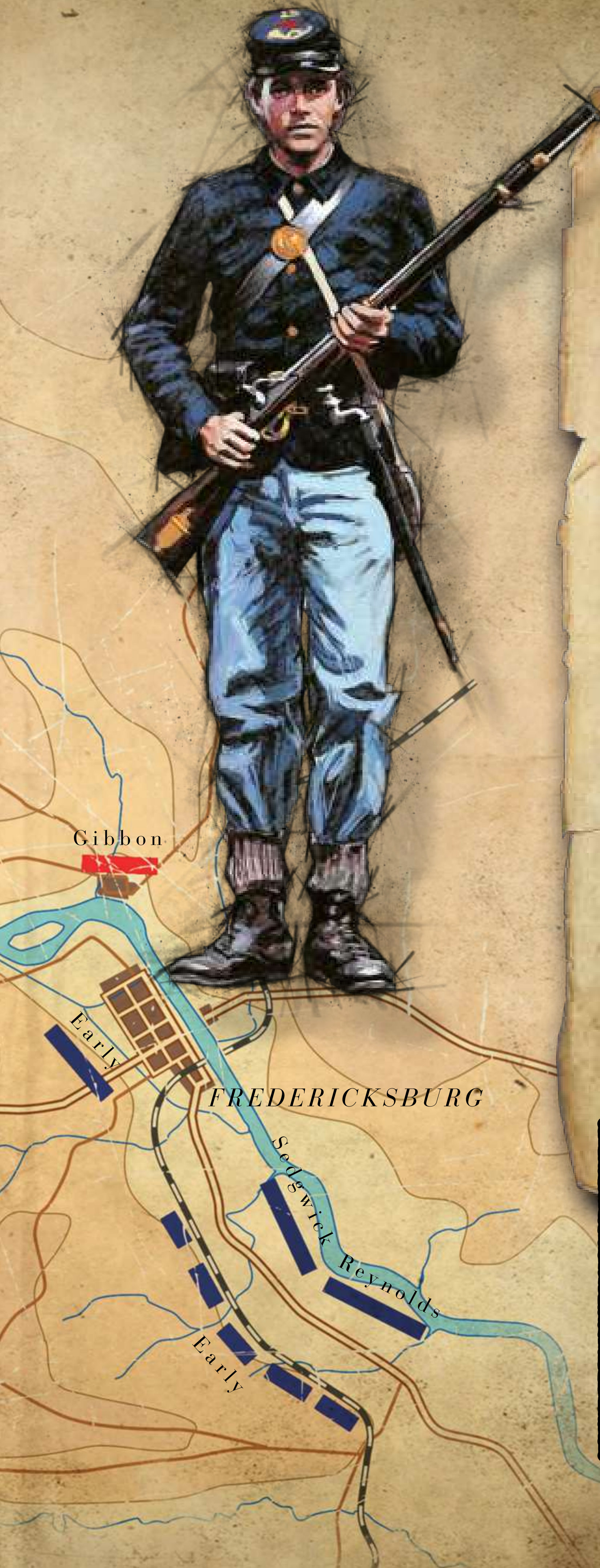
– ***ABRAHAM LINCOLN***

VIRGINIA

BATTLEFIELD 1863

You are attached to the Confederate Army of Northern Virginia under Robert E. Lee. You are surrounded and outnumbered by the Union Army of the Potomac under Major General Joseph Hooker, a competent commander whose confidence has been shaken somewhat following the Union's mauling at the Battle of Fredericksburg. You aim to break free of the encroaching enemy.


RAPIDAN RIVER
HOOKER
Sickles
Couch
Howard
Meade
RAPPAHANNOCK RIVER
THE WILDERNESS
Slocum
McLaws
PLANK ROAD
Rodes
Anderson
Hill
JACKSON
LEE
Colston



AVAILABLE FORCES

CONFEDERATE ARMY

Lee commands **60,000** men and is assisted by the highly capable Thomas Jonathan 'Stonewall' Jackson.

UNION ARMY

Hooker commands **130,000**, of whom **10,000** cavalrymen have been assigned to flanking you.

* * *

STRATEGY

What course of action would you suggest to General Lee?

I

Consolidate your forces and fortify your positions.

II

Split your forces and attempt to flank the enemy.

III

Offer your unconditional surrender. The war is over.

SOLUTION OVERLEAF

THE BATTLEFIELD

Heavy rain has hampered some troop movement, and the Rappahannock River divides the battlefield. The majority of your army is dug in. Hooker is clearly looking for payback after Fredericksburg and has split his larger army in an attempt to crush your forces in a pincer movement. His objective is undoubtedly to destroy your supply lines and savage your retreating troops.

SOLUTION

BATTLE OF CHANCELLORSVILLE

If you opted for II

You are as audacious as General Lee himself! The Battle of Chancellorsville is regarded as his 'perfect battle'. Even though he was outnumbered two-to-one, he ignored Sun Tzu's advice of never dividing your army on the eve of battle and took the initiative. Hooker's lack of confidence did the rest, and, after a series of very bloody engagements, his army was forced to withdraw. Your heroic victory was hard won, with over 12,000 Confederate losses, including 'Stonewall' Jackson, who was fatally wounded by 'friendly fire'. The losses were irreplaceable and the death of 'Stonewall' deeply felt. However, the American Civil War would rage for another year and 11 months before Lee surrendered.

“If equally matched,
we can offer battle.

If slightly inferior in numbers,
we can avoid the enemy.

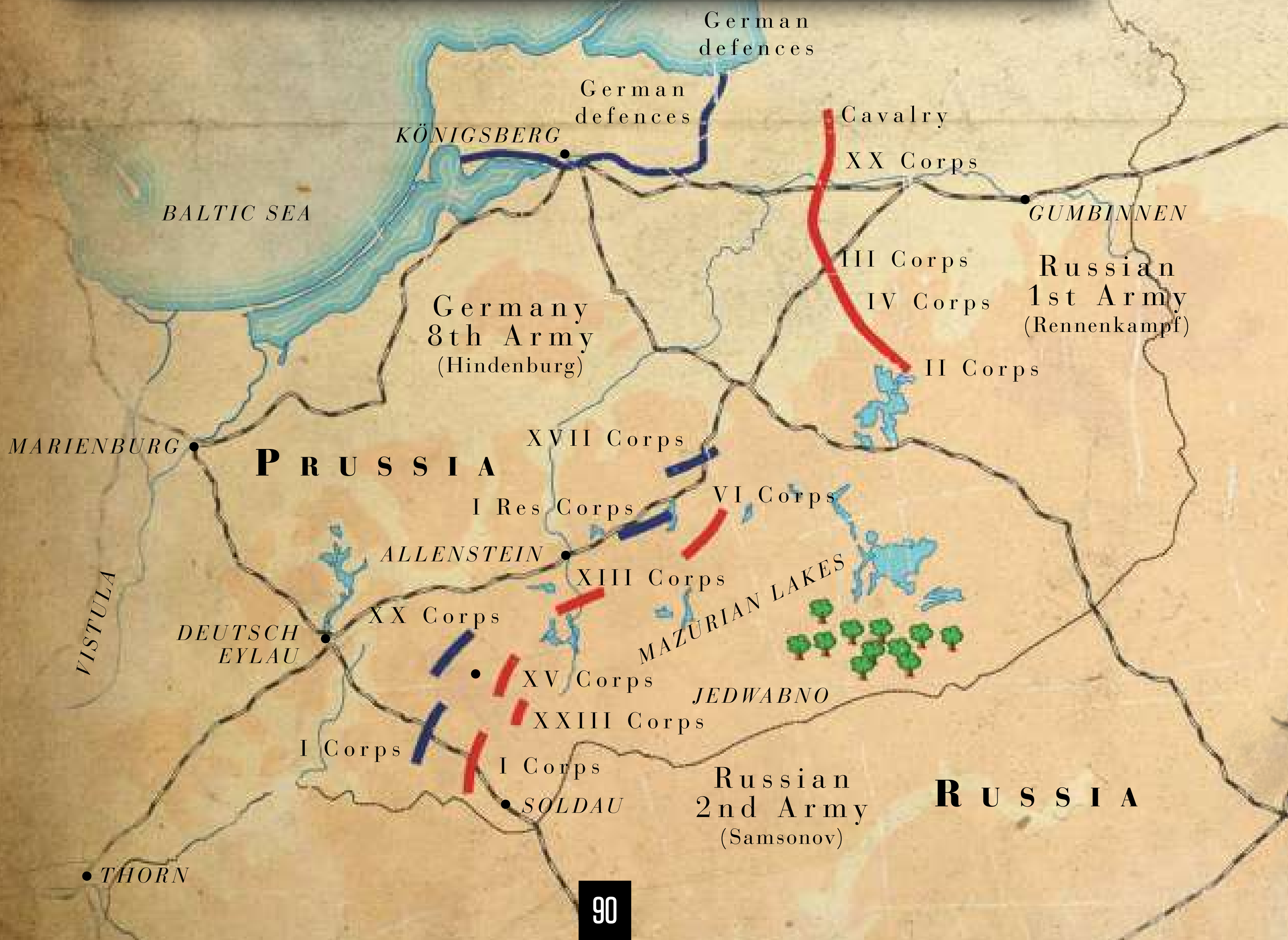
If quite unequal in every way,
we can flee from him.”

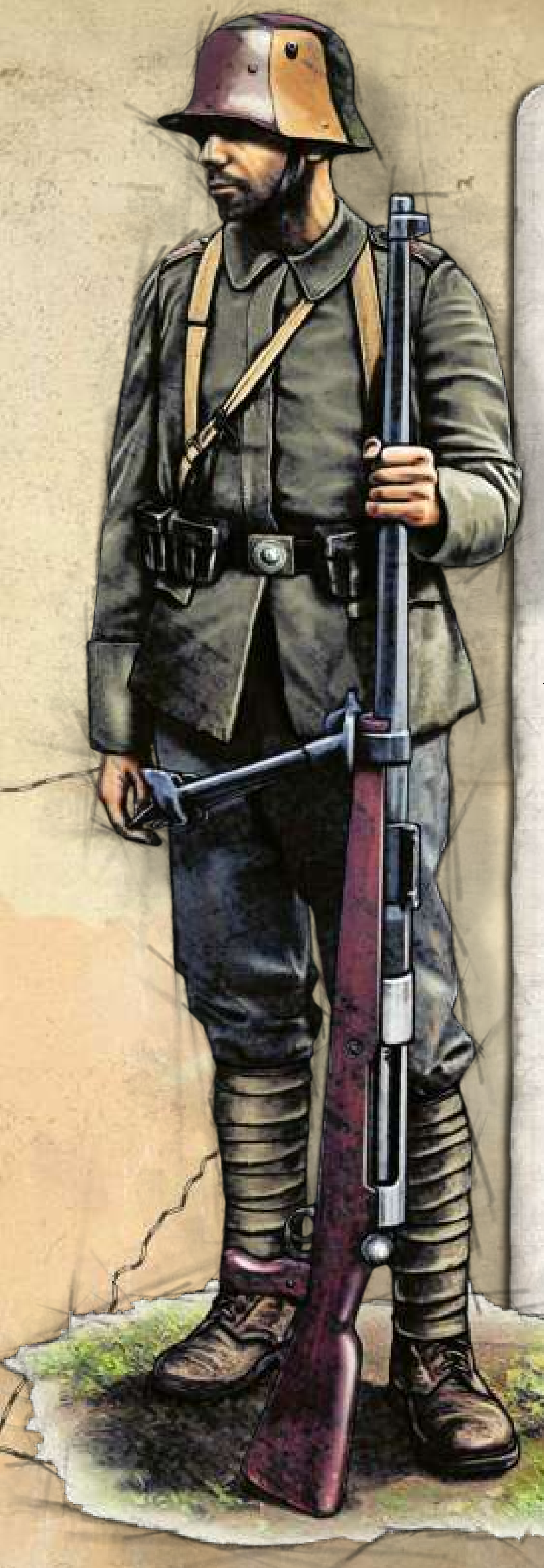
- SUN TZU

RUSSIA IN PRUSSIA

BATTLEFIELD 1914

You join the German army in Prussia. The Russians have sided with your enemies and their Tsar, Nicholas, has sent two hastily mobilised armies to invade your eastern territory. The enemy's First Army has marched into the north of the region but decided to delay its advance. This is strange since it puts their Second Army at a disadvantage in the southeast; it is currently unable to complete its encirclement of your numerically inferior army. You have heard rumours that generals Rennenkampf and Samsonov don't get on so well, but what are they playing at? Can you take advantage of this situation despite being outnumbered almost two to one?


German defences
German defences
KÖNIGSBERG
Cavalry
XX Corps
GUMBINNEN
BALTIC SEA
III Corps
IV Corps
Russian 1st Army
(Rennenkampf)
Germany 8th Army
(Hindenburg)
II Corps
MARIENBURG
PRUSSIA
XVII Corps
I Res Corps
VI Corps
ALLENSTEIN
XIII Corps
MAZURIAN LAKES
VISTULA
DEUTSCH EYLAU
XX Corps
XV Corps
JEDWABNO
XXIII Corps
I Corps
I Corps
SOLDAU
Russian 2nd Army
(Samsonov)
RUSSIA
THORN



AVAILABLE FORCES

GERMAN ARMY

The Eighth Army under General Paul von Hindenburg (with Eric Ludendorff as his chief-of-staff) numbers **150,000** men.

RUSSIAN ARMY

The First Army under General Rennenkampf consists of six and a half infantry divisions and five cavalry divisions. The Second Army under General Samsonov consists of ten infantry and three cavalry divisions.

STRATEGY

What do you propose that von Hindenburg should do?

I

Throw all your troops at the Second Army.

II

Divide your troops evenly to meet both attacking armies.

III

Suspect a Russian ruse and retreat from Prussia immediately.

IV

Start digging trenches.

SOLUTION OVERLEAF

THE BATTLEFIELD

This area of southeast Prussia contains many forests and lakes that can hamper unit cohesion. The railroads are of good quality, however.

SOLUTION
BATTLE OF TANNENBERG

If you opted for I

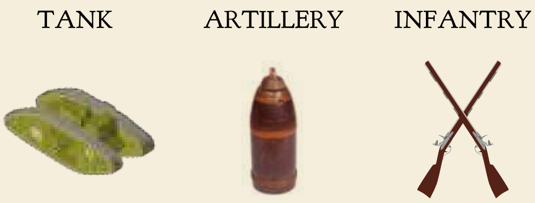
You concurred with the brilliant Colonel Hoffmann, whose audacious plan to send your northern army south by rail won the Battle of Tannenberg. You were able to exploit the Russian First Army's hesitation and execute your own flank attack, which resulted in the total annihilation of the Russian Second Army and a decisive victory.

THE BALANCE OF POWER V

WILL YOU BE ABLE TO FEND OFF THE ENEMY
UNTIL REINFORCEMENTS ARRIVE?

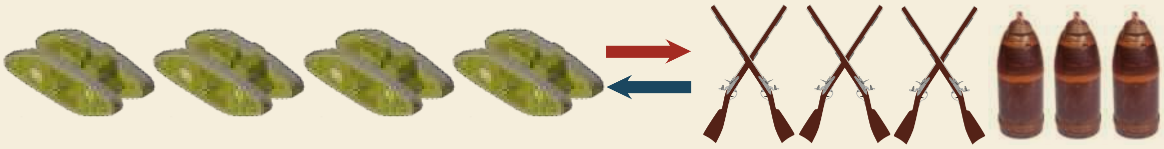
AVAILABLE FORCES

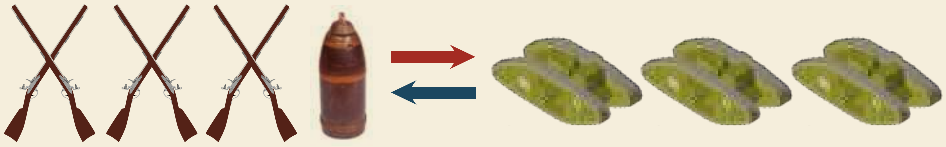
Your units consist of artillery and infantry, and the enemy's comprise tanks. Assume that your units are of exactly equal quality to those of the enemy, so the number and type of unit is all that matters.



THE BATTLEFIELD

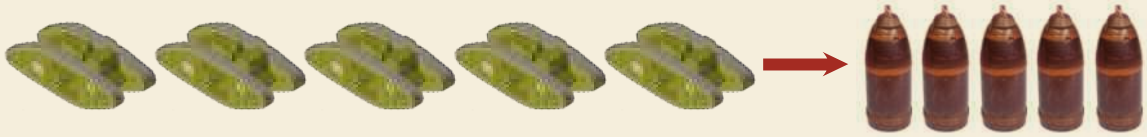
These units are perfectly matched and locked in a stalemate:





STRATEGY

The enemy has sent five tanks against your battery of five artillery.
What is the minimum number of infantry you should send to make the sides equal?

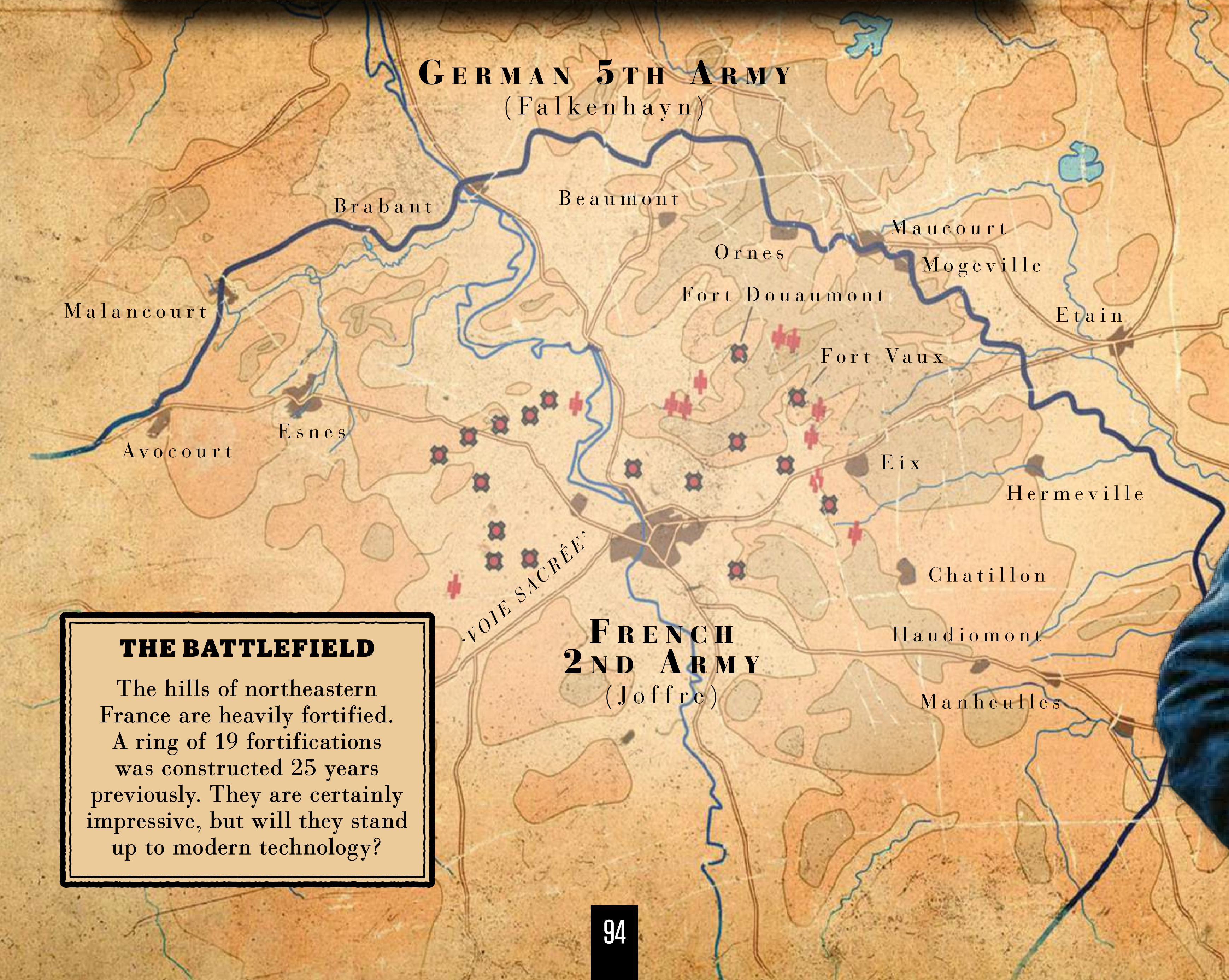


SOLUTION ON PAGE 128

KILLING GROUNDS

BATTLEFIELD 1916

You now re-join the German army, locked in the bloody stalemate of trench warfare. It is imperative that you break the deadlock by destroying France's army if you are to give proper attention to your enemies from across the Channel. Your army will be using some innovations during this offensive: the flamethrower, which can be used to clear troops from fortified positions, and specialist stormtroopers trained for quick infantry assaults.


GERMAN 5TH ARMY
(Falkenhayn)
Brabant
Beaumont
Maucourt
Ornes
Mogeville
Malancourt
Fort Douaumont
Etain
Fort Vaux
Esnes
Avocourt
Eix
Hermeville
'VOIE SACRÉE'
Chatillon
FRENCH 2ND ARMY
(Joffre)
Haudiomont
Manheulles

THE BATTLEFIELD

The hills of northeastern France are heavily fortified. A ring of 19 fortifications was constructed 25 years previously. They are certainly impressive, but will they stand up to modern technology?

AVAILABLE FORCES

GERMAN FORCES
General Erich von Falkenhayn commands **80** divisions.

FRENCH FORCES
Marshal Joseph Joffre commands **50** divisions.

STRATEGY

This will be a horrifying war of attrition. How long do you expect the battle to last and which of these five outcomes do you predict for your side?

I

Decisive victory with **300,000** enemy casualties and fewer than **100,000** friendly casualties.

II

Partial victory with **400,000** enemy casualties and fewer than **200,000** friendly casualties

III

Pyrrhic victory with **300,000** enemy casualties and over **300,000** friendly casualties.

IV

Defeat with over **350,000** enemy casualties and over **350,000** friendly casualties.

V

Complete defeat with fewer than **200,000** enemy casualties and over **400,000** friendly casualties.

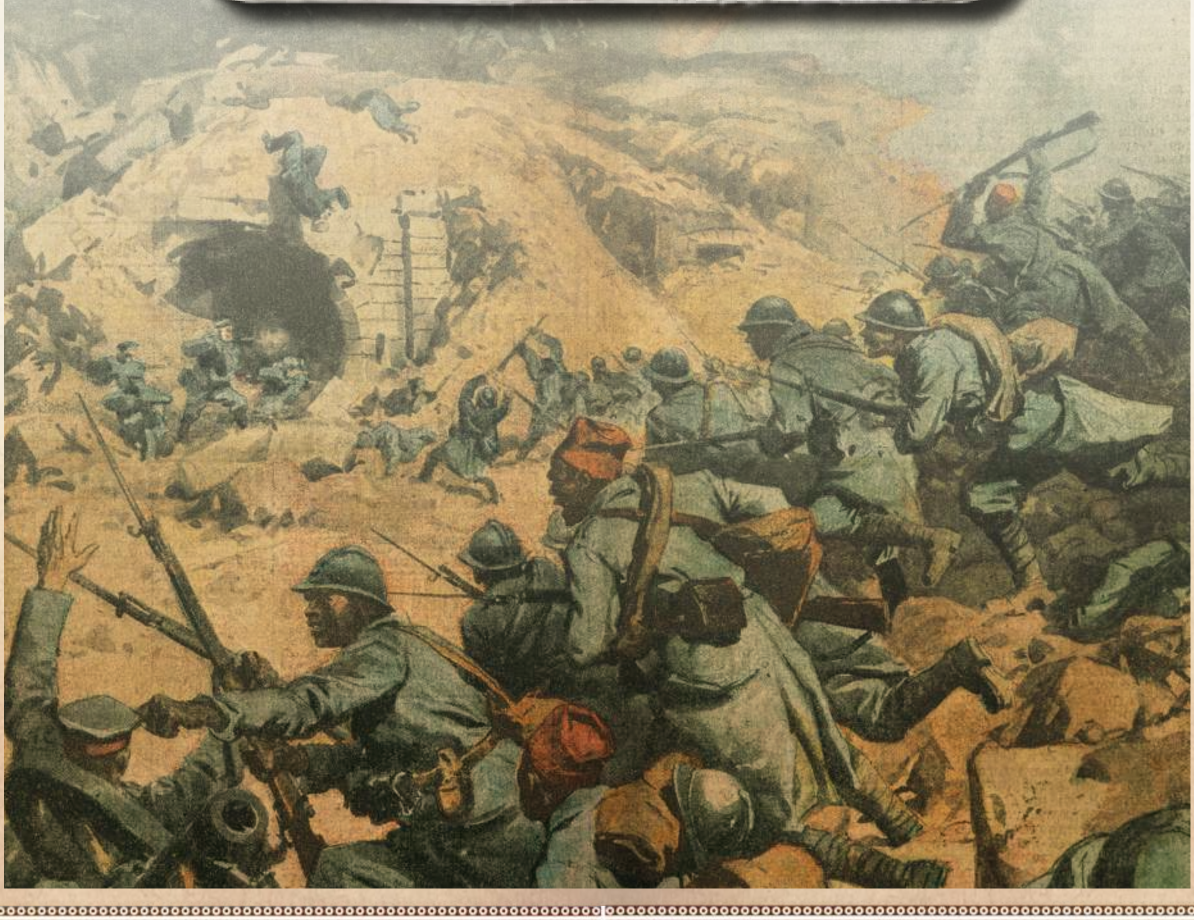
SOLUTION OVERLEAF

SOLUTION
BATTLE OF VERDUN

Your army took the largest of the forts in just three days – but the battle was far from over. The Battle of Verdun lasted nine months, three weeks and six days – it was the largest, longest and bloodiest engagement of the war.

IF YOU OPTED FOR IV

THE NUMBER OF CASUALTIES IS ESTIMATED AT AROUND 350,000 FOR BOTH SIDES AND WAS TECHNICALLY A DEFEAT FOR THE GERMANS AS THEY FAILED TO TAKE ANY GROUND.



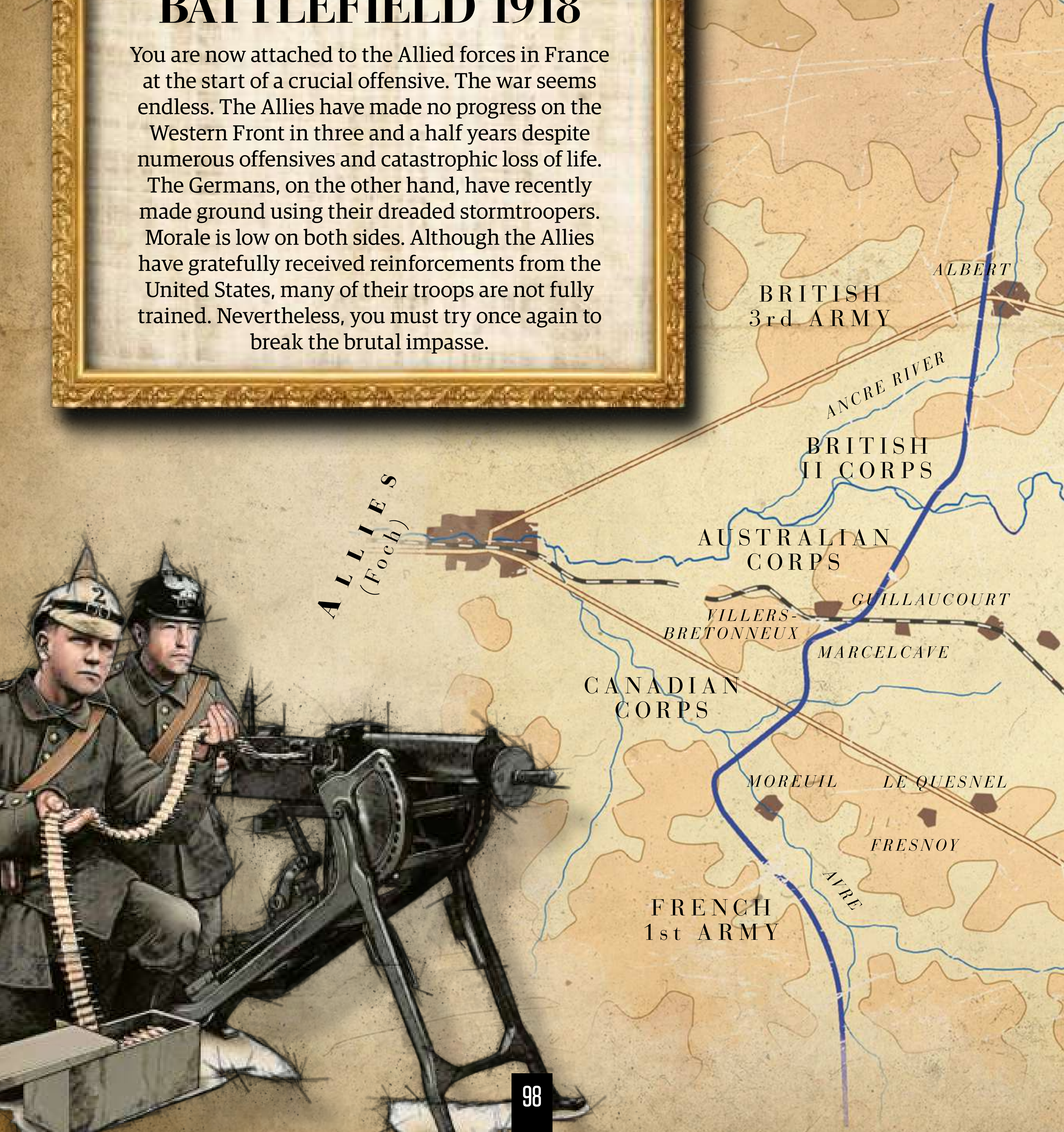
“So long as the opposing
forces are at the outset
approximately equal in numbers
and moral and there are no flanks
to turn, a long struggle for
supremacy is inevitable.”

- GENERAL DOUGLAS HAIG

A BLACK DAY

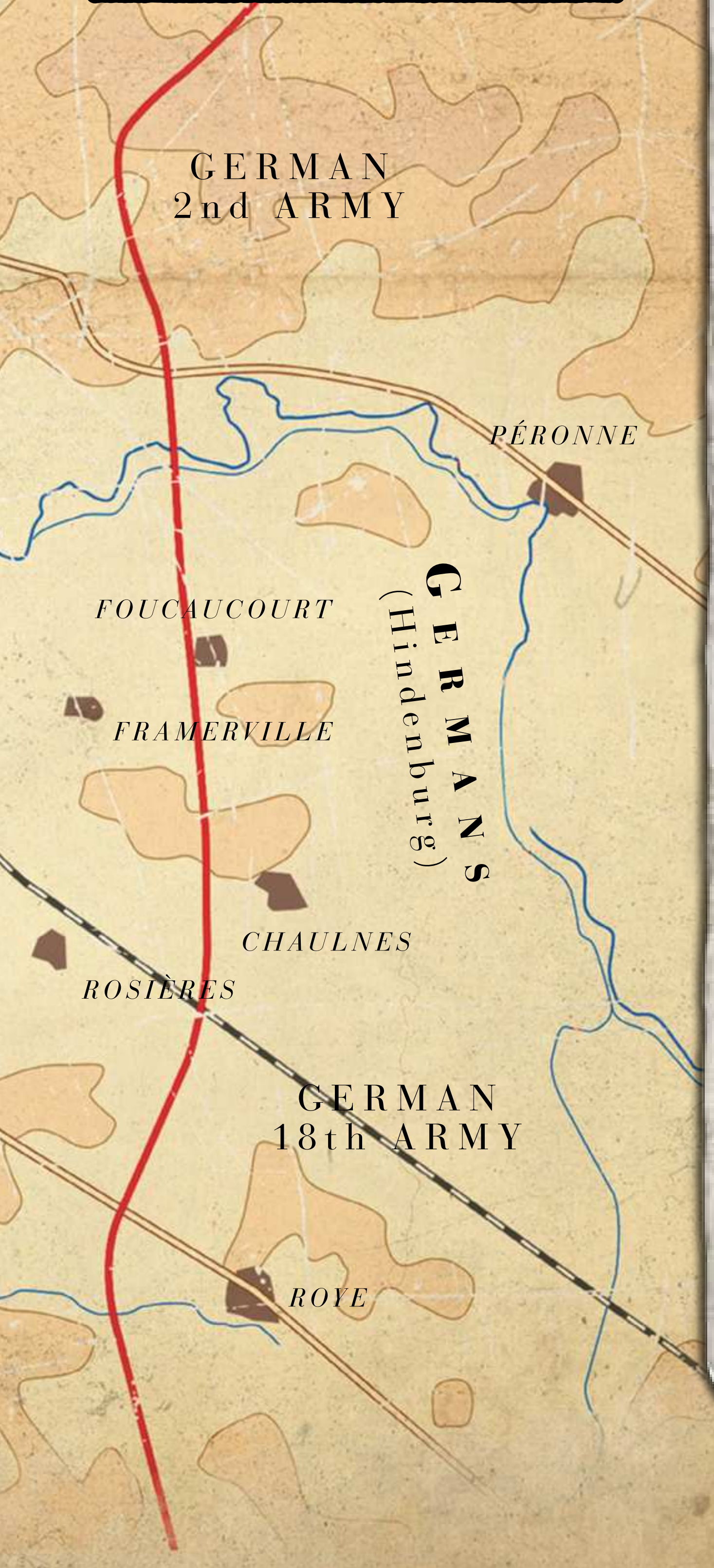
BATTLEFIELD 1918

You are now attached to the Allied forces in France at the start of a crucial offensive. The war seems endless. The Allies have made no progress on the Western Front in three and a half years despite numerous offensives and catastrophic loss of life. The Germans, on the other hand, have recently made ground using their dreaded stormtroopers. Morale is low on both sides. Although the Allies have gratefully received reinforcements from the United States, many of their troops are not fully trained. Nevertheless, you must try once again to break the brutal impasse.


ALBERT
BRITISH 3rd ARMY
ANCRE RIVER
BRITISH II CORPS
ALLIES (Foch)
AUSTRALIAN CORPS
GUILLAUCOURT
VILLERS-BRETONNEUX
MARCELCAVE
CANADIAN CORPS
MOREUIL
LE QUESNEL
FRESNOY
AVRE
FRENCH 1st ARMY
2

THE BATTLEFIELD

The rolling farmland of northern France has been transformed into a landscape from hell – craters, barbed wire and mud. However, the area designated for your assault is relatively dry and open.



AVAILABLE FORCES

ALLIED FORCES

Marshal Ferdinand Foch commands **32** divisions including French, British, Australian, Canadian and American troops.

GERMAN FORCES

Field Marshal Paul von Hindenburg commands **14** divisions.

STRATEGY

What is your best strategy when it comes to artillery?

I

Prolonged barrage – pound the enemy over several days, adjusting fire as required. You can target key positions and enemy artillery and further weaken German morale prior to the main attack.

II

Concentrated barrage – fire all your guns over a very short period to maximise shock. This was employed by the enemy in Operation Michael (a major offensive in March and April 1918) in tandem with their stormtroopers.

III

Delayed barrage – use judgement rather than adjusted fire to give the enemy less warning, and send your front line forward at the same time.

SOLUTION OVERLEAF

SOLUTION

BATTLE OF AMIENS

On the first day of the battle, an unprecedented number of Germans simply surrendered, leading General Ludendorff to describe it as "the Black Day of the German Army". The Battle of Amiens was the beginning of the Hundred Days Offensive that would finally bring victory to the Allies and an end to the Great War.

IF YOU OPTED FOR III

SURPRISE AND SECRECY WERE KEY ELEMENTS TO ALLIED SUCCESS IN THE BATTLE OF AMIENS. IT WAS A BRILLIANT COMBINED-ARMS OPERATION, AND THE SUDDEN ARTILLERY BARRAGES FOLLOWED IMMEDIATELY BY INFANTRY AND TANK ASSAULTS CAUGHT THE ENEMY COMPLETELY OFF-GUARD.

“Measurement owes its
existence to Earth;

estimation of quantity
to measurement;

calculation to estimation
of quantity;

balancing of chances
to calculation;

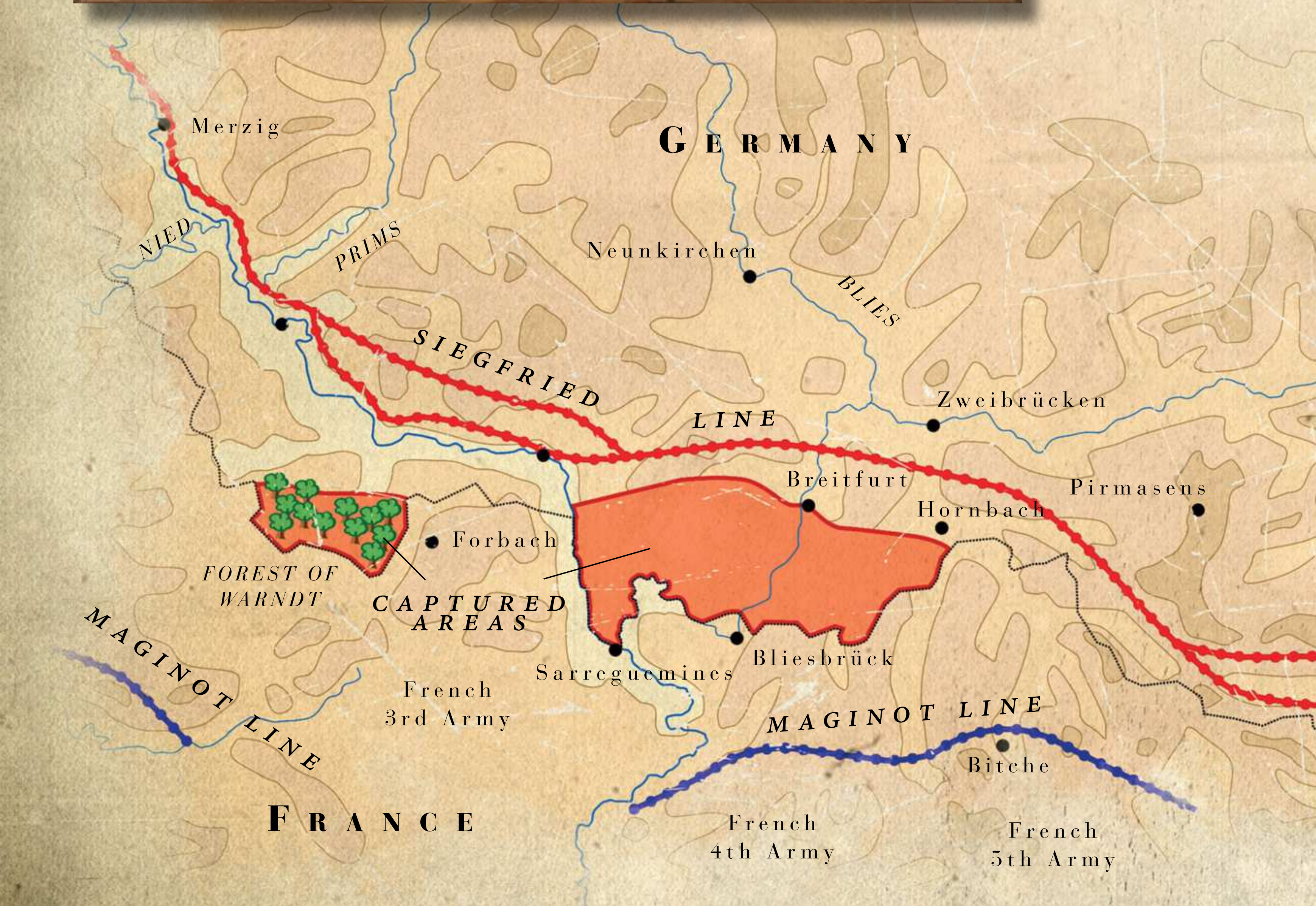
and victory to balancing
of chances.”

- SUN TZU

FRANCE MARCHES TO WAR

BATTLEFIELD 1939

Welcome to the French Army. Your bellicose neighbour, Germany, has contravened the Versailles Treaty, built up a substantial military force and invaded Poland. As a result, you and your British allies have declared war on them. There is little appetite for the conflict in France, but you cannot wait for Germany to turn its martial might on the nation – this time France shall take the initiative and invade them! Your ultimate objective is to cross the German fortification known as the Siegfried Line.


Merzig
GERMANY
NIED
PRIMS
Neunkirchen
BLIES
SIEGFRIED LINE
Zweibrücken
Breitfurt
Pirmasens
Hornbach
Forbach
FOREST OF WARNDT
CAPTURED AREAS
MAGINOT LINE
Sarreguemines
Bliesbrück
French 3rd Army
MAGINOT LINE
Bitche
FRANCE
French 4th Army
French 5th Army

> "There are a lot of people who say that bombing cannot win the war. My reply to that is that it has never been tried... and we shall see."
>
> - *Sir Arthur 'Bomber' Harris Schwarzkopf*

THE BATTLEFIELD

There are several towns and an extensive forest in the enemy-occupied area from which you will launch your main assault. You can expect initial resistance from the German 1st Army, and the forest may be heavily mined. The Siegfried Line's fortifications are not yet complete.

AVAILABLE FORCES

FRENCH ARMY

GENERAL MAURICE GAMELIN COMMANDS **40** DIVISIONS, INCLUDING ONE ARMOURED DIVISION, **400** TANKS AND OVER **4,500** ARTILLERY PIECES.

GERMAN ARMY

GENERAL ERWIN VON WITZLEBEN COMMANDS **22** DIVISIONS, WITH ABOUT **100** ARTILLERY PIECES.

……

STRATEGY

HOW DO YOU PROPOSE TO PROCEED?

I
CONTINUE WITH THE ATTACK.

II
CALL OFF THE ATTACK.

SOLUTION OVERLEAF

SOLUTION

THE SAAR OFFENSIVE

In the Saar Offensive, the French called off the attack before their army had even reached the Siegfried Line. The decision reflected a broader pessimism that had infected the country after the horrors of the Great War. France was subsequently invaded and occupied in 1940.

If you opted for I

An attack on the Siegfried Line might have diverted some of the German forces from their Polish campaign and delayed their subsequent blitzkrieg across Europe. However, one might argue that when the Germans had completed their invasion of Poland they would still have regrouped and easily invaded France.

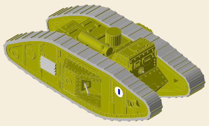
THE BALANCE OF POWER VI

You know the drill by now. Keep the enemy away until reinforcements arrive.

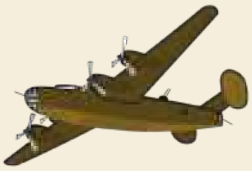
AVAILABLE FORCES

Your units consist of bombers, and the enemy's comprise tanks and infantry. Assume that your units are of exactly equal quality to those of the enemy, so the number and type of unit is all that matters.

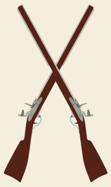
TANK



BOMBER

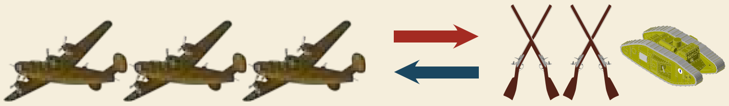


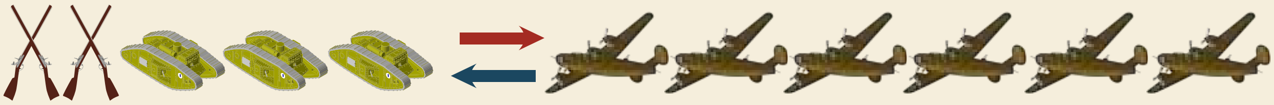
INFANTRY



THE BATTLEFIELD

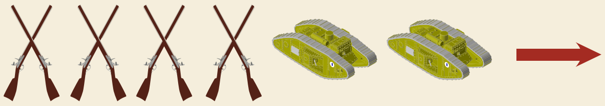
These units are perfectly matched and locked in a stalemate.





STRATEGY

An enemy force of four infantry and two tanks is advancing on your position. What is the minimum number of bombers you should send to neutralise them?

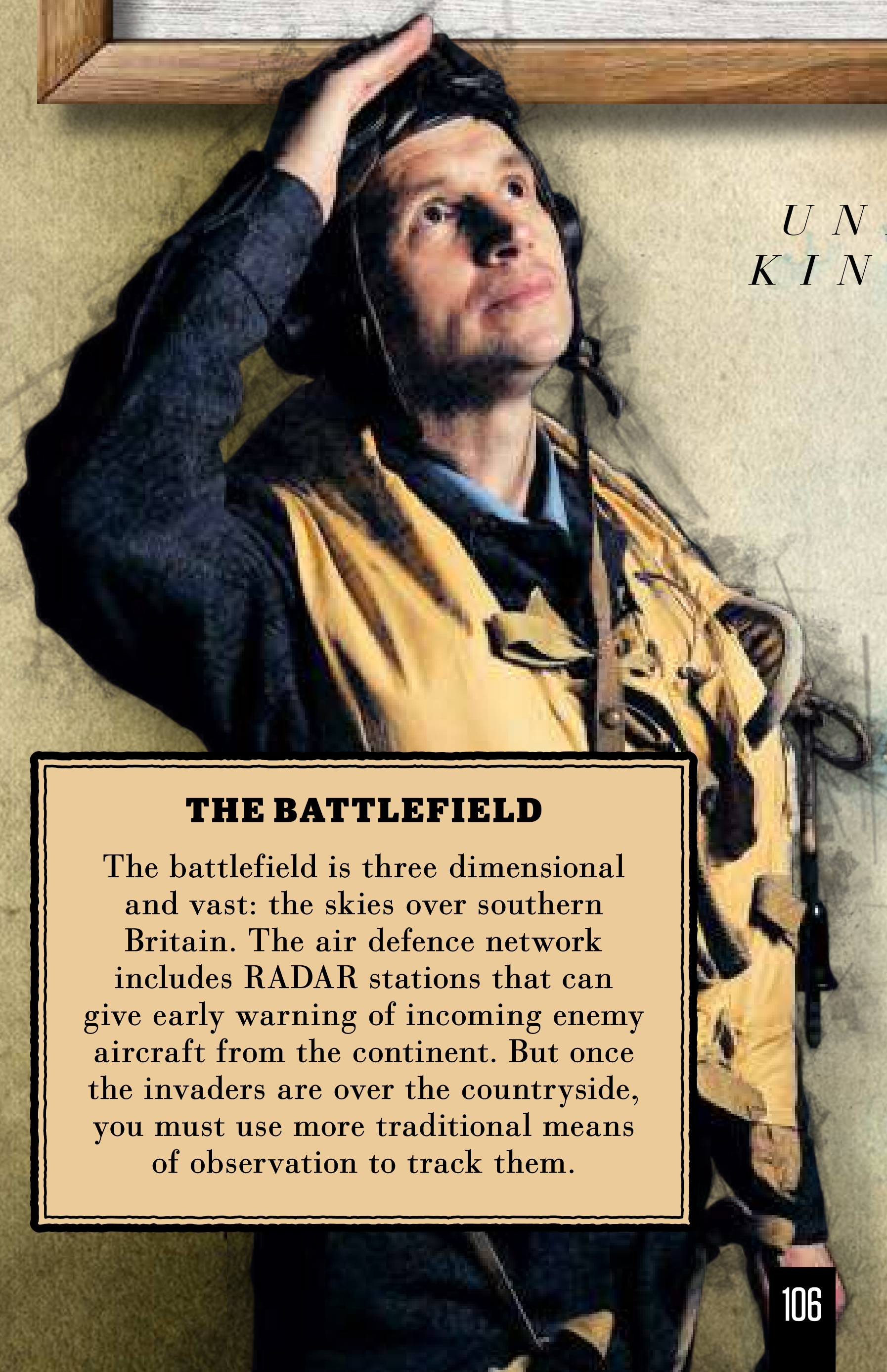


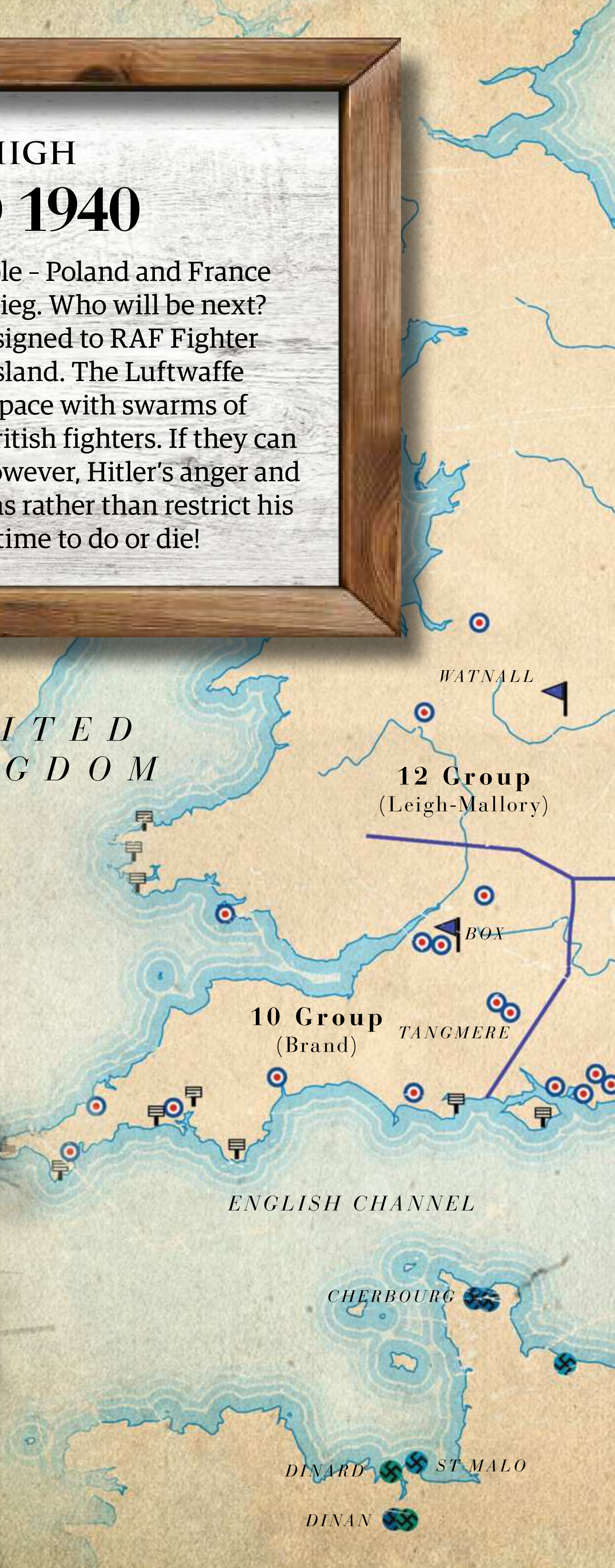
SOLUTION ON PAGE 128

DEATH FROM ON HIGH

BATTLEFIELD 1940

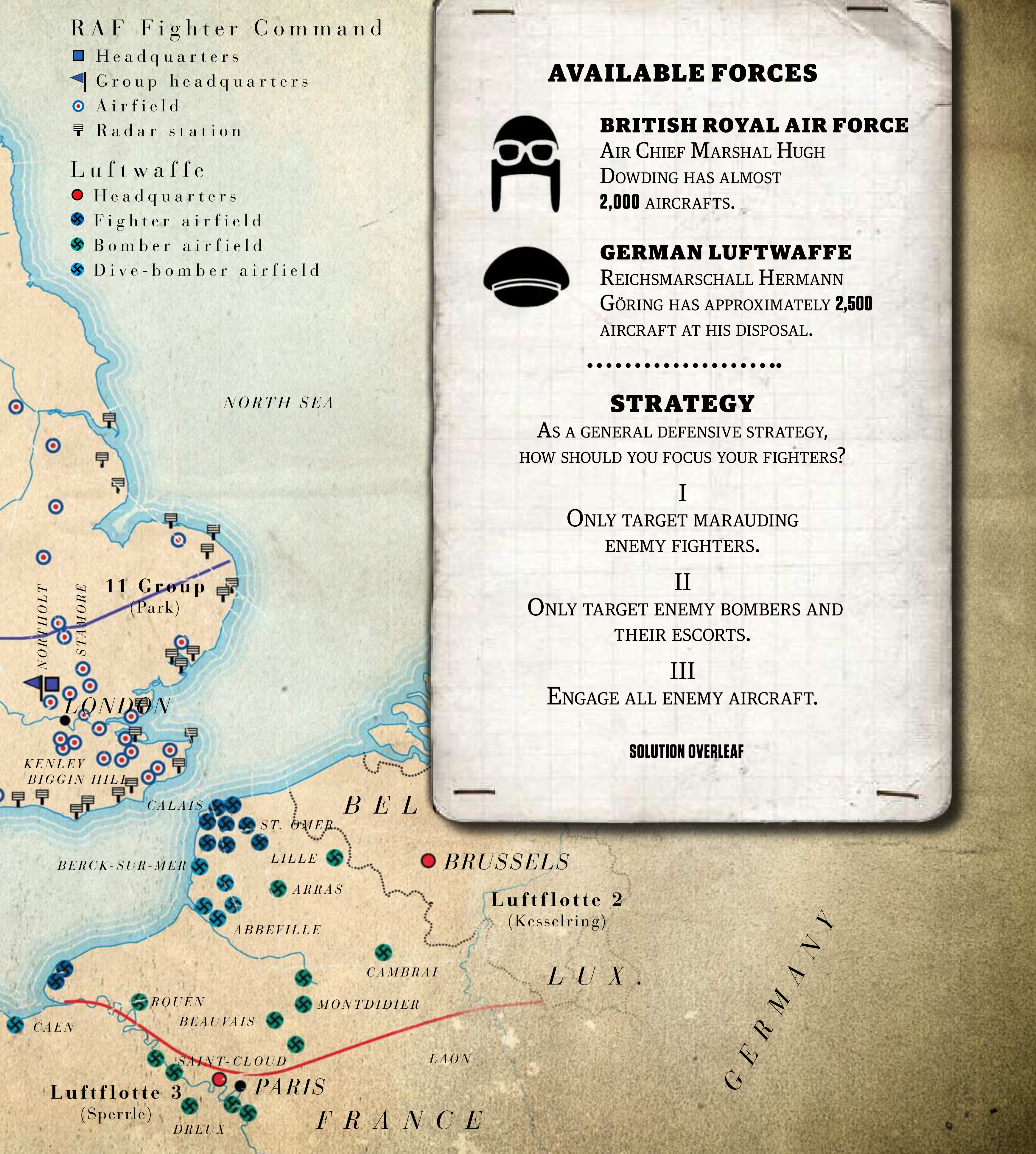
The German war machine seems unstoppable – Poland and France have already fallen to the iron tide of blitzkrieg. Who will be next? Britain stands alone, and you have been assigned to RAF Fighter Command to assist in the defence of the island. The Luftwaffe has made its presence felt over British airspace with swarms of Messerschmitt Bf 109s tasked to hunt down British fighters. If they can achieve air superiority, invasion will follow. However, Hitler's anger and impatience have led him to bomb civilian areas rather than restrict his attacks to military targets. Now is the time to do or die!




UNITED KINGDOM
WATNALL
12 Group
(Leigh-Mallory)
BOX
10 Group
(Brand)
TANGMERE
ENGLISH CHANNEL
CHERBOURG
DINARD
ST MALO
DINAN

THE BATTLEFIELD

The battlefield is three dimensional and vast: the skies over southern Britain. The air defence network includes RADAR stations that can give early warning of incoming enemy aircraft from the continent. But once the invaders are over the countryside, you must use more traditional means of observation to track them.


RAF Fighter Command
■ Headquarters
Group headquarters
Airfield
Radar station
Luftwaffe
● Headquarters
Fighter airfield
Bomber airfield
Dive-bomber airfield
NORTH SEA
11 Group
(Park)
NORTHOLT
STANMORE
LONDON
KENLEY
BIGGIN HILL
CALAIS
ST. OMER
B E L
BERCK-SUR-MER
LILLE
BRUSSELS
ARRAS
Luftflotte 2
(Kesselring)
ABBEVILLE
CAMBRAI
L U X .
GERMANY
ROUEN
MONTDIDIER
CAEN
BEAUVAIS
SAINT-CLOUD
LAON
Luftflotte 3
(Sperrle)
PARIS
DREUX
F R A N C E

AVAILABLE FORCES

BRITISH ROYAL AIR FORCE
Air Chief Marshal Hugh Dowding has almost **2,000** aircrafts.

GERMAN LUFTWAFFE
Reichsmarschall Hermann Göring has approximately **2,500** aircraft at his disposal.

……

STRATEGY

As a general defensive strategy, how should you focus your fighters?

I

Only target marauding enemy fighters.

II

Only target enemy bombers and their escorts.

III

Engage all enemy aircraft.

SOLUTION OVERLEAF

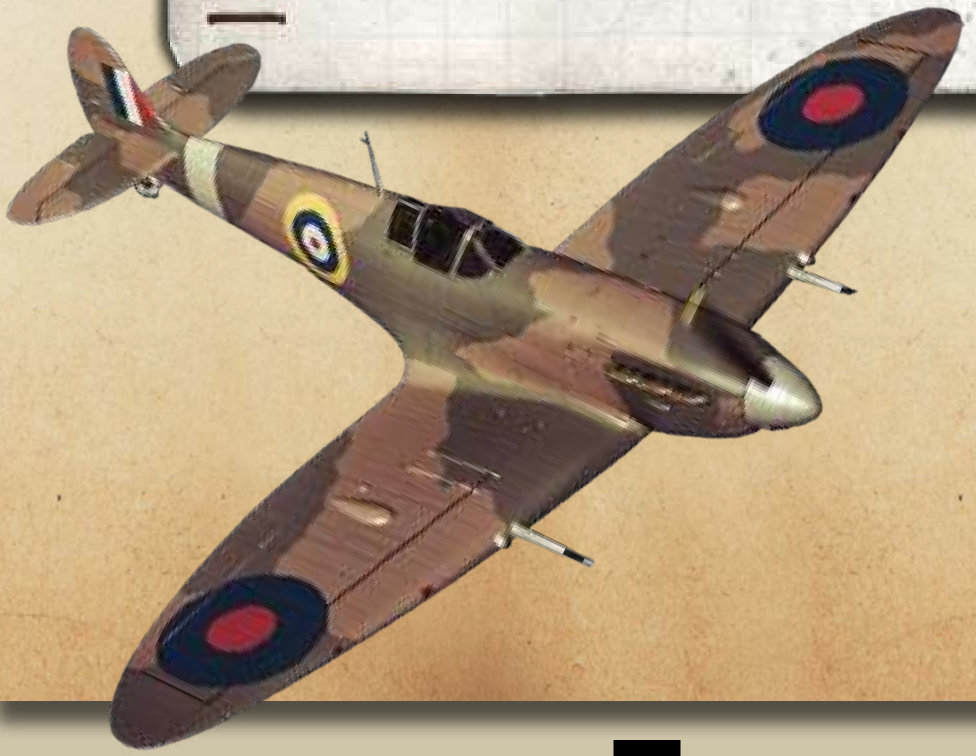
SOLUTION

THE BATTLE OF BRITAIN

The Battle of Britain was a crucial victory for the Allies.

If you opted for II

The early decision to focus on enemy bombers and avoid the squadrons of marauding German fighters was strategically sound. It gave the enemy the impression that the RAF was depleted and weak. When the air raids began in earnest, the Luftwaffe got more than they bargained for. By winning the battle, the RAF put paid to Hitler's plan to occupy Britain and kept the beacon of liberty alight in anticipation of the United States joining the war. Nevertheless, the loss of life on both sides was substantial, including civilian casualties. Hitler apparently did not appreciate the true value of the RADAR network, and it has been argued that, had the Germans made a greater effort to destroy ground-based air defences, the outcome might have been different.



ENIGMA VARIATION

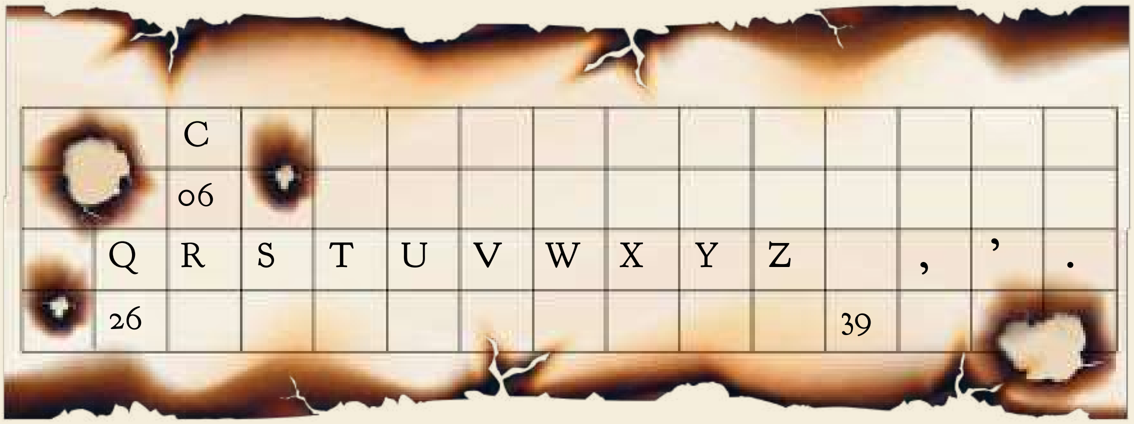
THE INTELLIGENCE

The clever boffins at Bletchley Park have intercepted the following encrypted message.

0 8 2 4 2 2 2 4 2 3 0 3 9 1 0 1 5 1 2 1 4 3 0
3 9 0 1 3 9 0 4 0 1 3 0 3 0 2 0 0 9 3 9 1 5
1 0 3 9 3 6 2 4 3 2 3 9 0 8 2 4 2 2 4 2
3 0 3 9 1 2 0 1 1 5 2 2 3 9 0 1 2 2 3 6 3 0
1 4 1 5 2 2 1 2 3 9 0 4 3 6 3 9 3 4 1 5
2 2 2 2 1 5 2 2 1 2 4 4

THE CHALLENGE

The British Royal Navy recently recovered the following damaged scraps from a captured U-boat. We believe it is the key to cracking the code. Can you use it to decipher the message above?



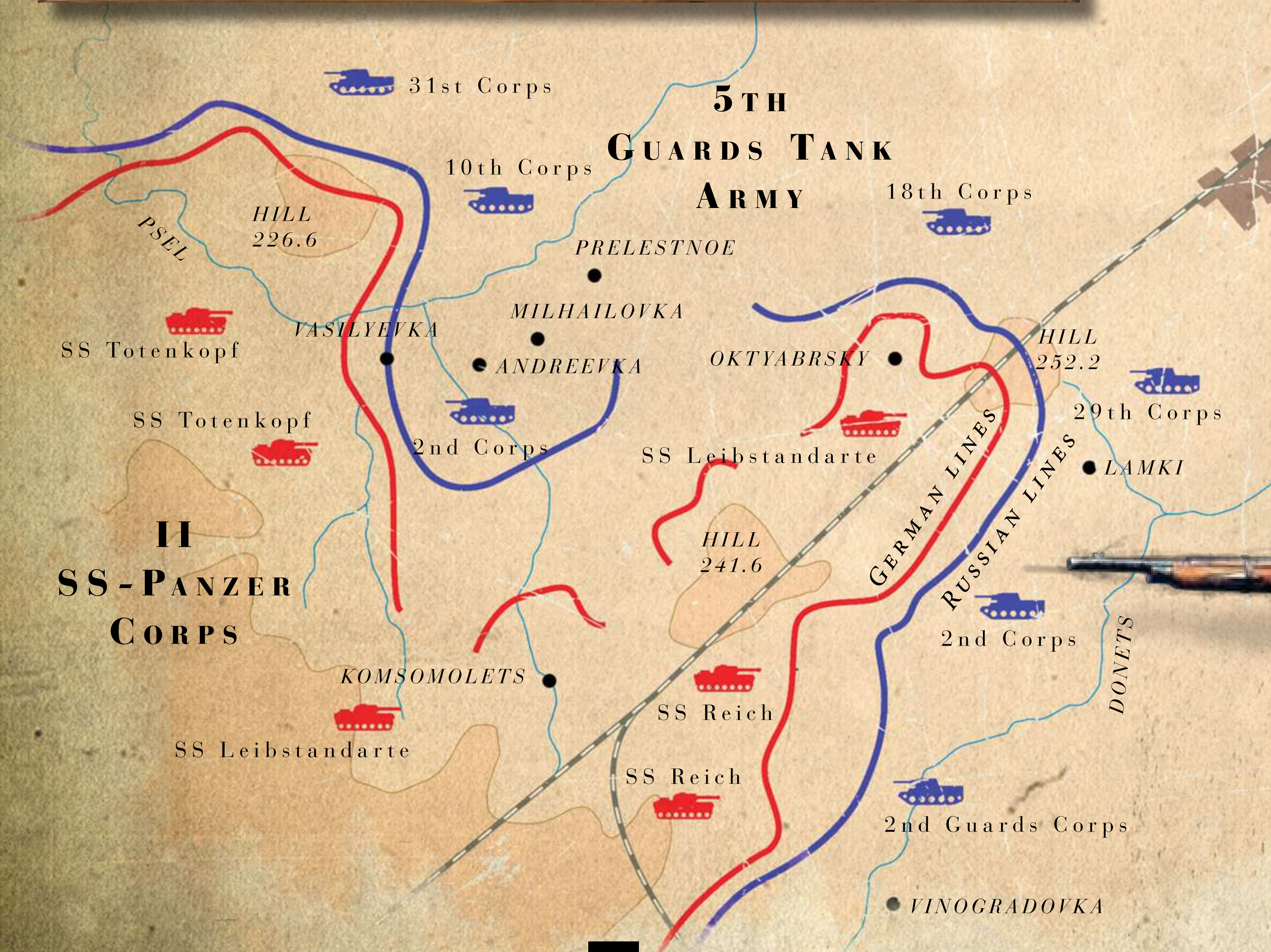
		C												
		06												
	Q	R	S	T	U	V	W	X	Y	Z		,	’	.
	26										39			

SOLUTION ON PAGE 128

DEFEND THE MOTHERLAND

BATTLEFIELD 1943

You are fighting with the Soviet Union's Red Army. In 1941, the treacherous Germans declared war on the USSR and sent the largest invasion force in history into your Motherland. Initially they caught the Red Army off-guard and made significant territorial gains. But they soon learned that the land and people will only yield so much. The counter-offensive has begun. Your objective is to prevent the II SS-Panzer Corps from taking the town of Prokhorovka. Hit them hard, comrade!


31st Corps
5TH GUARDS TANK ARMY
10th Corps
18th Corps
PSEL
HILL 226.6
PRELESTNOE
MILHAILOVKA
VASILYEVKA
SS Totenkopf
ANDREEVKA
OKTYABRSKY
HILL 252.2
SS Totenkopf
2nd Corps
29th Corps
SS Leibstandarte
LAMKI
GERMAN LINES
RUSSIAN LINES
HILL 241.6
II SS-PANZER CORPS
2nd Corps
DONETS
KOMSOMOLETS
SS Reich
SS Leibstandarte
SS Reich
2nd Guards Corps
VINOGRADOVKA

THE BATTLEFIELD

The battle line extends over some 30 kilometres. The vast open plains and inclement weather have contributed to wearing down the supplies and morale of the Germans. The weather has also restricted air combat, but the Germans have nonetheless achieved aerial superiority and are able to attack your tanks with their Stuka dive-bombers.

AVAILABLE FORCES

SOVIET ARMY

The Fifth Guards Tank Army has approximately **600** armoured vehicles. The main battle tank is the **T-34.** Your forces are supported by an anti-aircraft division and six artillery regiments.

GERMAN ARMY

The II SS-Panzer Corps has almost **300** armoured vehicles. Their main battle tank is the medium Panzer IV, and they also have around **105** heavy Tigers. The men and their commanders are considered the Reich's fighting elite.

……

STRATEGY

What outcome do you anticipate for the Red Army?

I

A tactical defeat but an operational victory.

II

A tactical and operational victory.

III

A tactical victory but operational defeat.

SOLUTION OVERLEAF

SOLUTION

THE BATTLE OF PROKHOROVKA

If you opted for I

Based on casualties, the Battle of Prokhorovka was a grim tactical defeat for the Soviet Union. The Waffen SS fought intelligently and ferociously. The Soviets lost five times as many men and vehicles as the outnumbered Germans. The enemy were pushed back but not destroyed. This battle was part of the much larger Battle of Kursk, which was one of the largest engagements of the war. The Soviets were ultimately victorious, and the Red Army would eventually march on Berlin, while the US-led forces would prevail on the Western Front and in the Pacific, bringing the Second World War to an end in 1945.

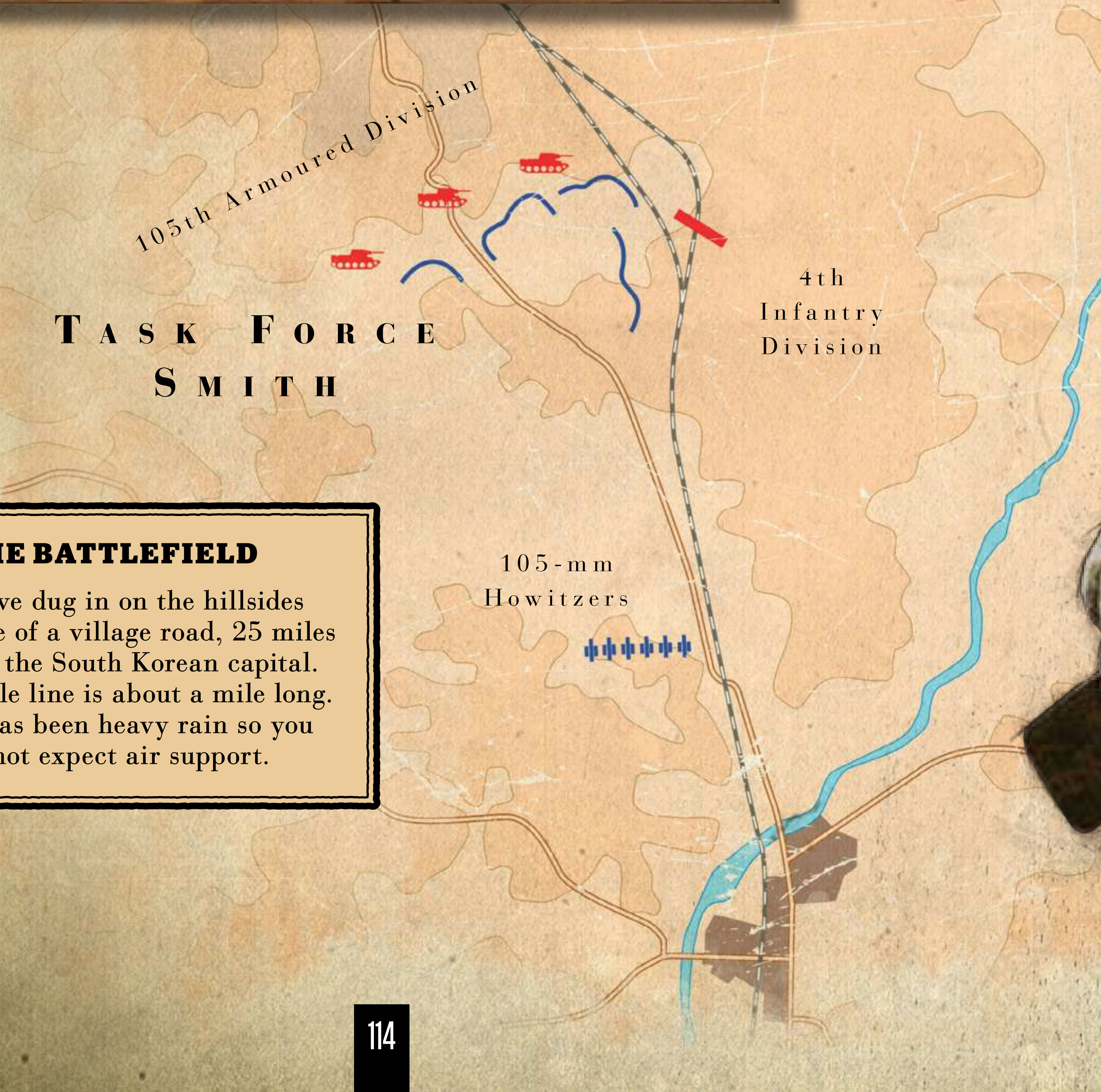
“The soldier above all
others prays for peace,
for it is the soldier who
must suffer and bear the
deepest scars of war”

*- **DOUGLAS MACARTHUR***

KOREA

BATTLEFIELD 1950

Korea, which was under Japanese occupation in the Second World War, has been divided by the Allies into a communist, pro-Soviet North and an anti-communist, pro-American South. This arrangement suits neither of the two Koreas' leaders. The North (with Soviet backing) launched a surprise invasion of the South on 25 June 1950. The United Nations resolved to counter this aggression. You now join the US Army as it attempts to hold off a massive North Korean armoured assault.


105th Armoured Division
Task Force Smith
4th Infantry Division
105-mm Howitzers

THE BATTLEFIELD

You have dug in on the hillsides either side of a village road, 25 miles south of the South Korean capital. Your battle line is about a mile long. There has been heavy rain so you cannot expect air support.

> "Leadership is a potent combination of strategy and character. But if you must be without one, be without the strategy."
> – *General Norman Schwarzkopf*

AVAILABLE FORCES

UNITED STATES

Lt. Colonel Charles B. Smith commands the 1st Battalion of the 21st Infantry, which consists of **500** men. You are supported by an artillery battery. Your kit is outdated, and your troops' combat experience is low.

NORTH KOREA

Lt. General Lee Kwon Mu commands two regiments of the 4th infantry division (**5,000** men) and one regiment of the 105th Armoured Division, which boasts 36 T-34 tanks).

……

STRATEGY

Can you hold off the enemy assault?

I

Are you kidding me? No way!

II

Maybe for a couple of hours...

III

Absolutely. *Hooah*!

SOLUTION OVERLEAF

SOLUTION

BATTLE OF OSAN

The US forces were woefully unprepared for the Battle of Osan.

If you opted for II

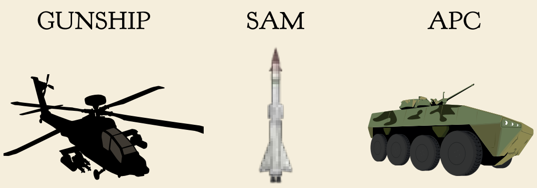
Courage is a major asset in war but cannot compensate when you are outnumbered ten-to-one and your weapons are inadequate. To their huge credit, the Americans held on for three hours but they could not do much damage to the Soviet tanks. The Korean War ultimately achieved nothing, with neither side gaining nor ceding territory. Over 2 million civilians and over half a million soldiers perished in the process.

THE BALANCE OF POWER VII

ARE YOU READY FOR ONE LAST EFFORT TO HOLD OFF
THE ENEMY WHILE BACK-UP ARRIVES?

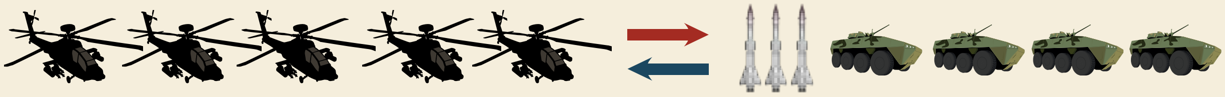
AVAILABLE FORCES

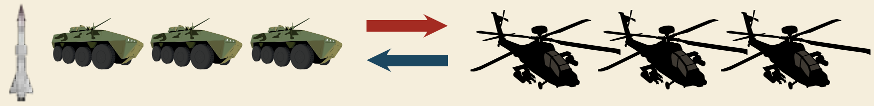
Your units consist of gunships, and the enemy's comprise Surface-to-Air Missiles (SAMs) and Armoured Personnel Carriers (APCs). Assume that your units are of exactly equal quality to those of the enemy, so the number and type of unit is all that matters.



THE BATTLEFIELD

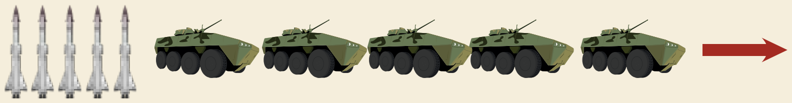
These units are perfectly matched and locked in a stalemate:





STRATEGY

What is the smallest number of gunships you should send to neutralise an enemy force consisting of five SAMs and five APCs?

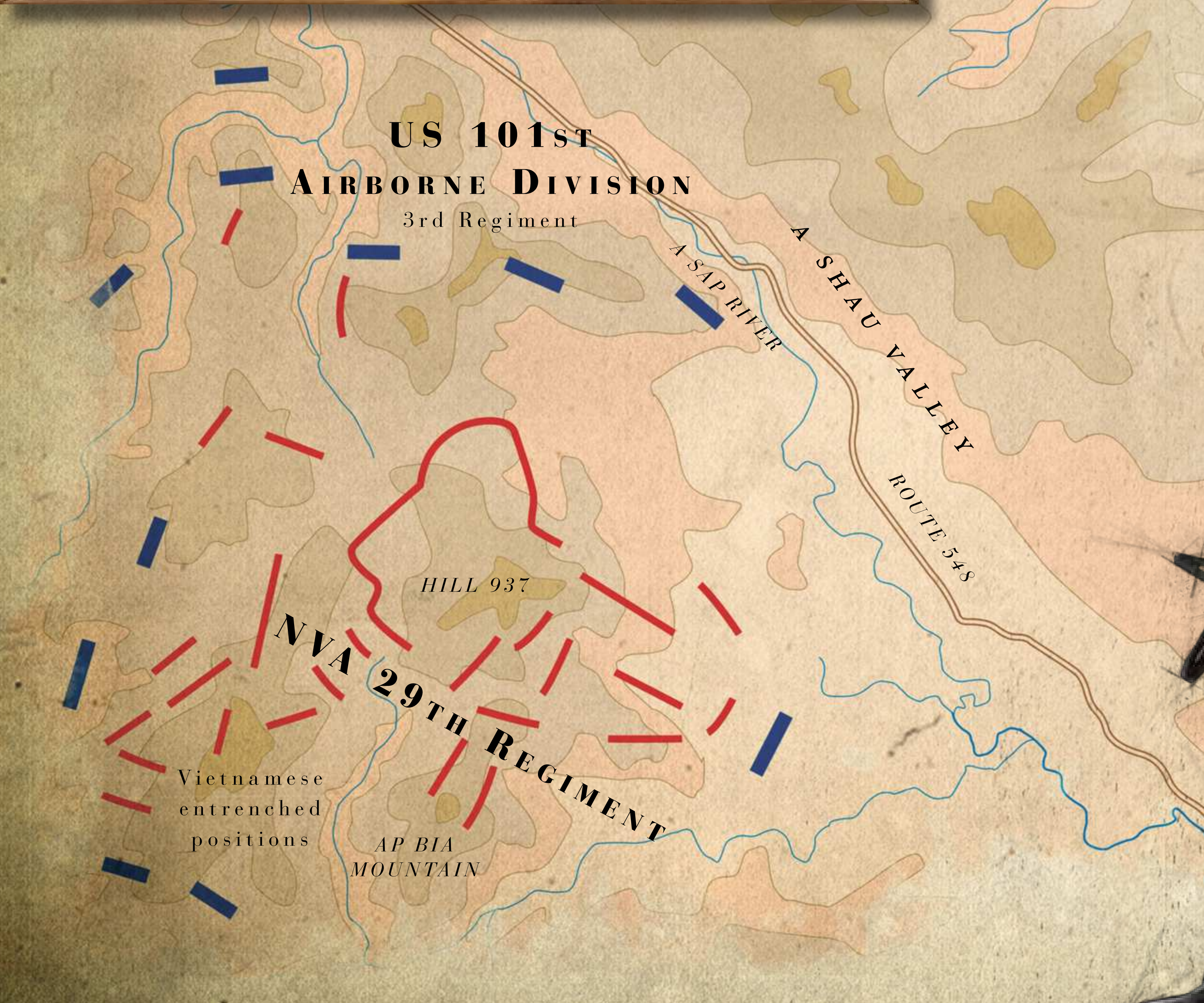


SOLUTION ON PAGE 129

VIETNAM

BATTLEFIELD 1969

You join the US Army. Once again, you are posted overseas to fight the threat of global communism. The Vietnam War has been raging for over 14 years. Your objective is 'Hill 937', an enemy-held position on the mountain Dong Ap Bia.


US 101ST
AIRBORNE DIVISION
3rd Regiment
A SAP RIVER
A SHAU VALLEY
ROUTE 548
HILL 937
NVA 29TH REGIMENT
Vietnamese entrenched positions
AP BIA MOUNTAIN

THE BATTLEFIELD

The hill is heavily fortified and lies on the border with Laos near the infamous Ho Chi Minh Trail (a vast, enemy supply route). Bad weather has restricted your movement and air support.

AVAILABLE FORCES

UNITED STATES/SOUTH VIETNAM FORCES

Lt. Col. Weldon F. Honeycutt commands **1,800** infantry from the US 101st Airborne Division (3rd Brigade) supported by the South Vietnamese 1st Infantry Division (3rd Regiment).

NORTH VIETNAMESE ARMY (NVA) FORCES

Defending the hill are the 7th and 8th battalions of the NVA's 29th Regiment. They are veteran soldiers, not hastily trained guerrillas.

……

STRATEGY

What course of action do you recommend?

I

Take that hill at all costs! (Infantry assault).

II

Let the NVA keep the damned hill.

III

Spare the troops and bomb the hill instead.

SOLUTION OVERLEAF

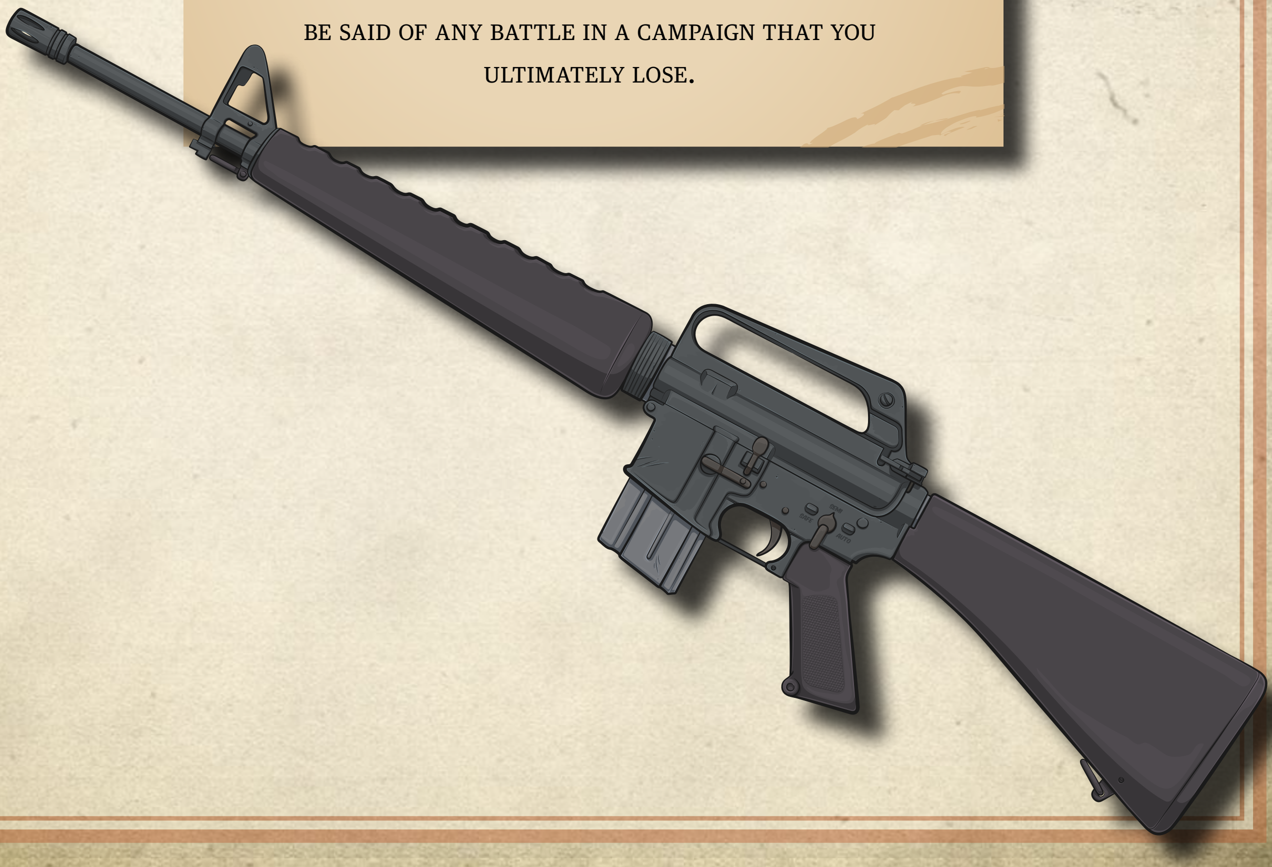
SOLUTION

BATTLE OF HAMBURGER HILL

The Battle of Hamburger Hill remains controversial.

If you opted for I

It was widely reported that the hill had little strategic value, yet it was taken at a cost of over 500 US and South Vietnamese casualties and abandoned shortly thereafter. This story was a gift to the anti-war movement. However, Lt. Col. Honeycutt believed the outpost to be the local NVA headquarters and doubted that a bombing mission alone could neutralise it. In the broader context of the Vietnam War, which the US was forced to abandon four years later, it could be argued that taking 'Hill 937' achieved nothing. But the same could be said of any battle in a campaign that you ultimately lose.



FIND THE FLEET

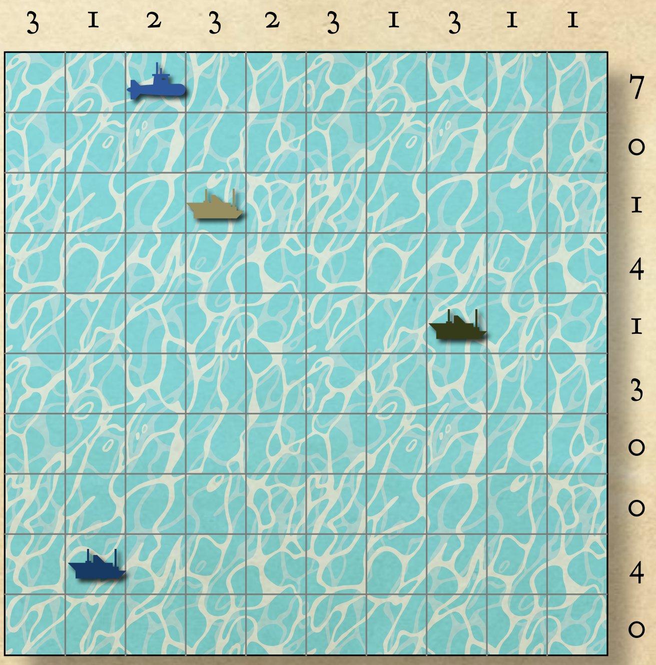
YOU ARE RECONNOITRING THE PACIFIC, ATTEMPTING TO LOCATE THE TEN VESSELS OF A CARRIER STRIKE GROUP (CSG).

- A Supercarrier is four grid lengths long, a Cruiser is three grid lengths long, a Destroyer is two grid lengths long and a Submarine is one grid length long.
- Each square on the grid may either contain one element or be empty. Four elements have been revealed.
- The numbers on the periphery tell you how many elements are in that line or column.
- No element can be adjacent (horizontally, vertically or diagonally) to an element belonging to another vessel.
- The vessels may be positioned horizontally, vertically or diagonally on the grid.

Using logic and deduction, can you find the fleet?

1 Supercarrier **2 Cruisers**

3 Destroyer **4 Submarines**



SOLUTION ON PAGE 129

LEG VI
LEG VI
LEG VI
LEG VI

SOLUTIONS

THE BALANCE OF POWER I

You would need to send five hoplites. Each slinger is worth half a hoplite, and each chariot is worth three-quarters of a hoplite.

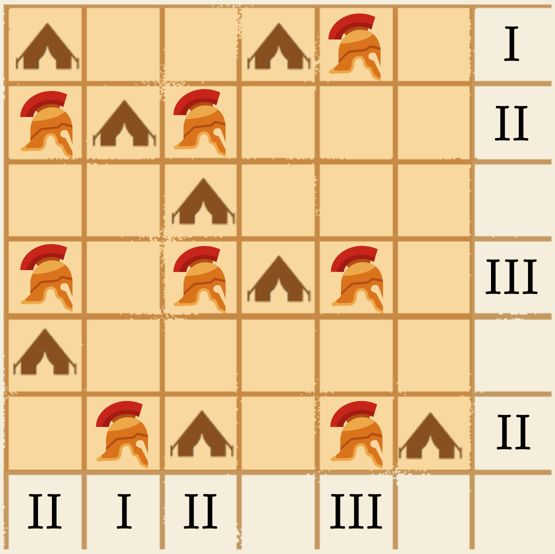
FIND A WAY – THE ELEPHANTS OF CARTHAGE

Hannibal must start in the northeast corner of the grid marked II W.

THE DIE IS CAST

A river, which has both a mouth and a bed. The river Caesar must face is the Rubicon, which separated Gaul from Rome's Italian territory. By crossing it with his army he deliberately committed treason and started the Roman Civil War. He is supposed to have uttered the words "alea iacta est" ("the die is cast") as he led his army across the shallow waters.

SENTRY DUTY I



⛺			⛺	🪖		I
🪖	⛺	🪖				II
		⛺				
🪖		🪖	⛺	🪖		III
⛺						
	🪖	⛺		🪖	⛺	II
II	I	II		III		

DUPLICITOUS DRUIDS

Erwan is the leader. Bodhmall, Dornoll and Erwan were the three who spoke the truth.

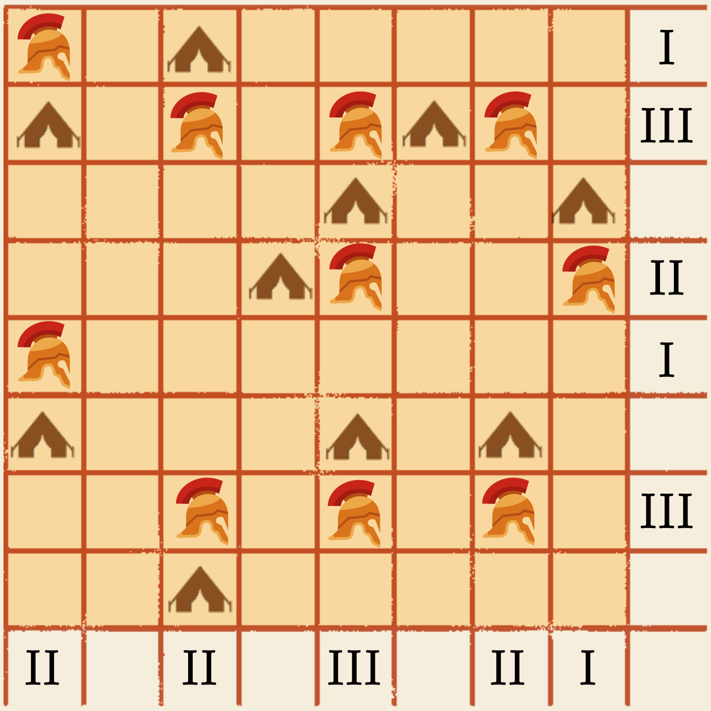
STANDARD RATES

4,100 denarii. The only thing that differentiates each legion's banner is its number, which is written - of course - in Roman numerals. The price reflects the number of bars in each numeral. If the first (I) legion's banner cost half as much as the tenth (X) legion's banner, the cost per bar must be 150 denarii. The total cost will be broken down like this:

I	150
II	300
III	450
IV	450
V	300
VI	450
VII	600
VIII	650
IX	450
X	300

Maybe you should consider giving the eighth legion the boot?

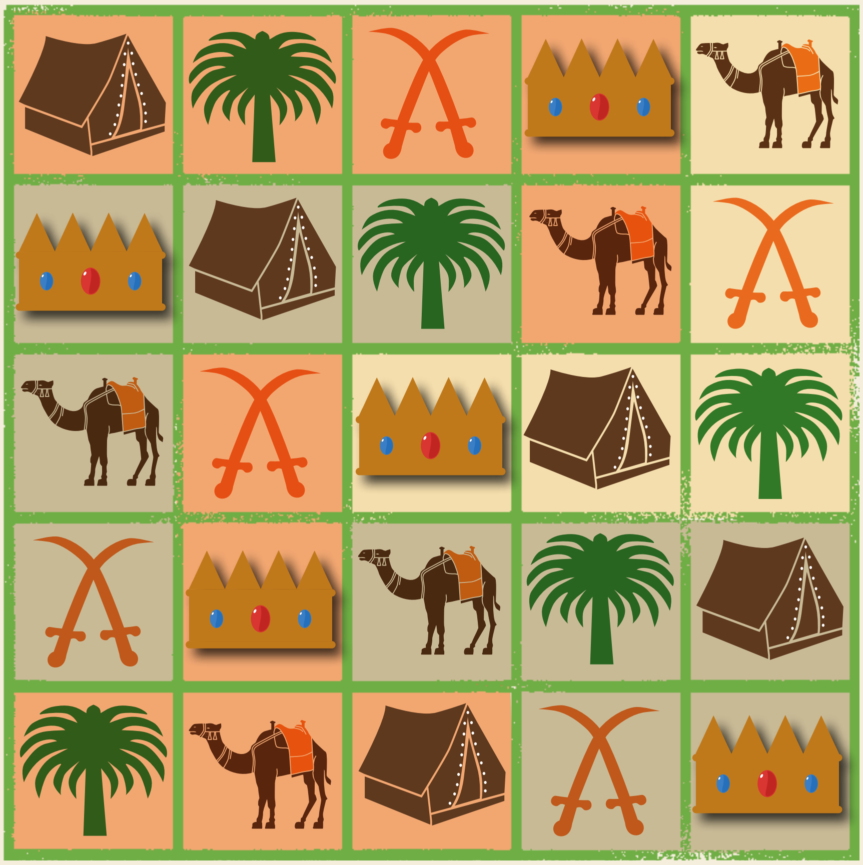
SENTRY DUTY II



JUST A DREAM?

The khevtuul were the khan's night guard, specifically tasked with protecting their lord while he slept. This one had been on guard duty the previous night and should not have been asleep dreaming. It was the practice of the Mongols that, if one member of a ten-man arban was derelict in his duties, the others would share his punishment.

LOGISTICS



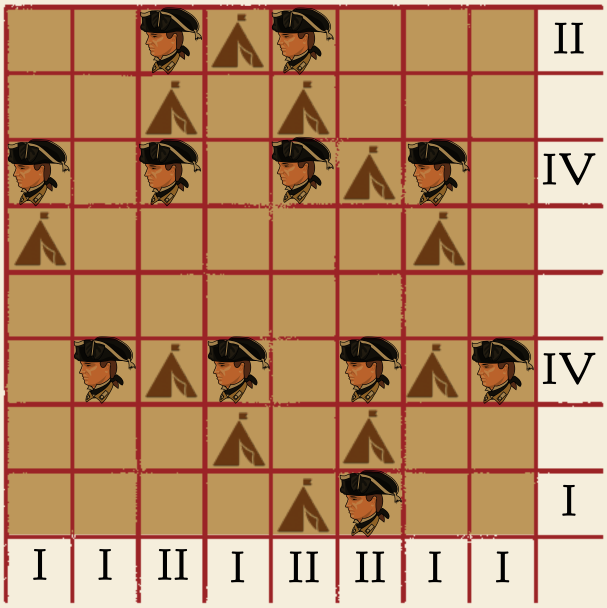
THE BALANCE OF POWER II

You would need to send four archers. Two knights are equal to three footmen, and one knight is equal to three archers. Assign values of archer = 1, footman = 2, knight = 3 to solve the puzzle.

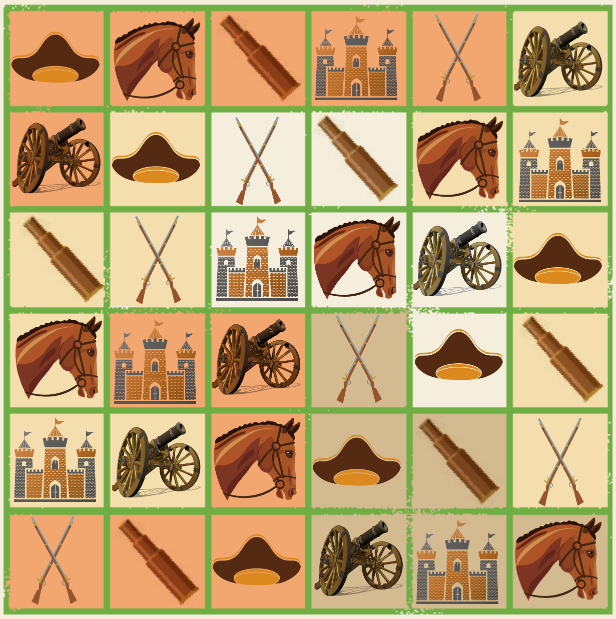
THE BALANCE OF POWER III

You would need to send three musketeers. Two cavalry are equal to six musketeers, and one cavalry is equal to two pikemen. Assign values of pikeman = 3, musketeer = 5, cavalry = 6 to solve the puzzle.

SENTRY DUTY III



HARD CORPS



THE BALANCE OF POWER IV

You would need to send five cavalry. Three Gatling guns are equal to seven infantry, and one Gatling gun is equal to seven cavalry. Assign values of cavalry = 1, infantry = 3, Gatling gun = 7 to solve the puzzle.

THE BALANCE OF POWER V

You would need to send three infantry. One tank is equal to two artillery, and five tanks are equal to six infantry. Assign values of artillery = 3, infantry = 5, tank = 6 to solve the puzzle.

THE BALANCE OF POWER VI

You would need to send six bombers. Three bombers are equal to two tanks, and three bombers are also equal to four infantry. Assign values of infantry = 3, bomber = 4, tank = 6 to solve the puzzle.

ENIGMA VARIATION

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
01	04	06	08	09	10	12	14	15	16	18	20	21	22	24
P	Q	R	S	T	U	V	W	X	Y	Z		,	’	.
25	26	27	28	30	32	33	34	35	36	38	39	40	42	44

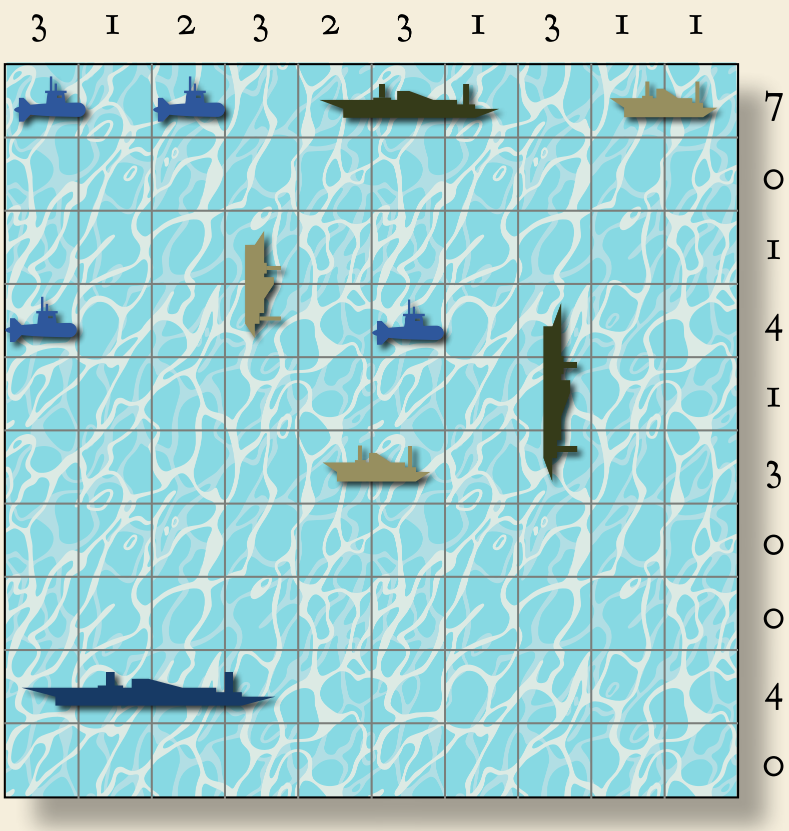
Rule out the simplest possibilities first. It seems to be a simple letter-number substitution code. There are 30 characters, but the last number given is 39. Could it still be a sequence? The answer is yes – the first 30 non-prime numbers are written as double digits. From this, you should be able to obtain the following quote from Field Marshall Erwin Rommel:

Don't fight a battle if you don't gain anything by winning.

THE BALANCE OF POWER VII

You would need to send seven gunships. Three gunships are equal to five SAMs, and four gunships are equal to five APCs. Assign values of SAM = 3, APC = 4, gunship = 5 to solve the puzzle.

FIND THE FLEET



"The wise warrior avoids the battle."
- *Sun Tzu*

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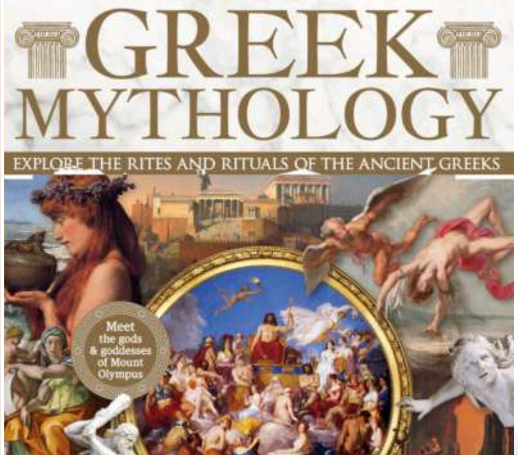
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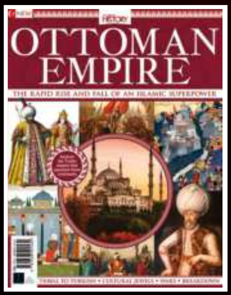
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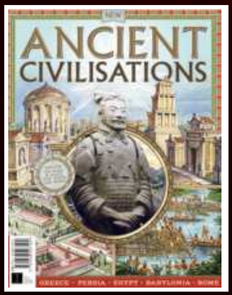
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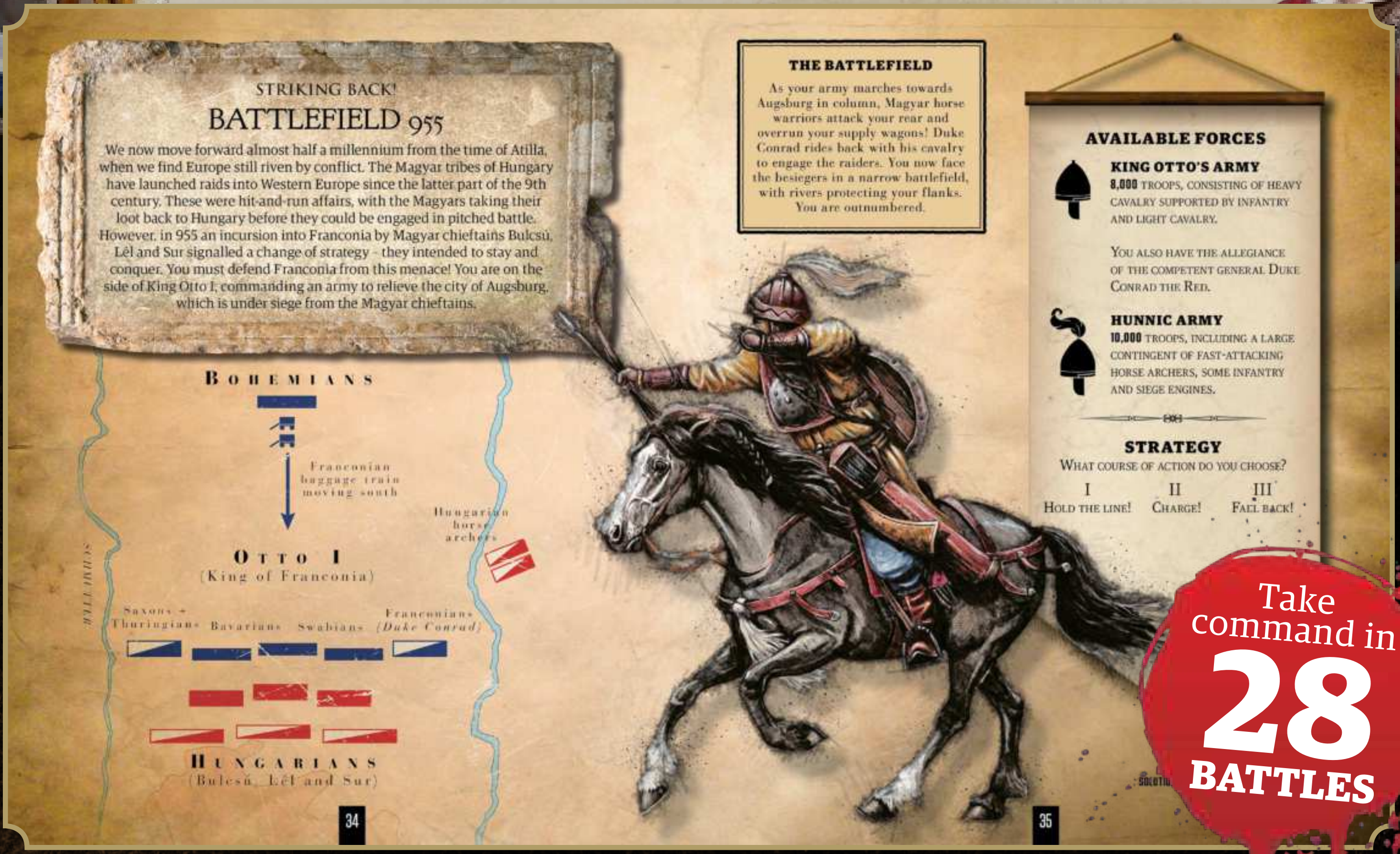

STRIKING BACK!

BATTLEFIELD 955

We now move forward almost half a millennium from the time of Atilla, when we find Europe still riven by conflict. The Magyar tribes of Hungary have launched raids into Western Europe since the latter part of the 9th century. These were hit-and-run affairs, with the Magyars taking their loot back to Hungary before they could be engaged in pitched battle. However, in 955 an incursion into Franconia by Magyar chieftains Bulcsú, Lél and Sur signalled a change of strategy – they intended to stay and conquer. You must defend Franconia from this menace! You are on the side of King Otto I, commanding an army to relieve the city of Augsburg, which is under siege from the Magyar chieftains.

34

THE BATTLEFIELD

As your army marches towards Augsburg in column, Magyar horse warriors attack your rear and overrun your supply wagons! Duke Conrad rides back with his cavalry to engage the raiders. You now face the besiegers in a narrow battlefield, with rivers protecting your flanks. You are outnumbered.

AVAILABLE FORCES

KING OTTO'S ARMY

8,000 TROOPS, CONSISTING OF HEAVY CAVALRY SUPPORTED BY INFANTRY AND LIGHT CAVALRY.

YOU ALSO HAVE THE ALLEGIANCE OF THE COMPETENT GENERAL DUKE CONRAD THE RED.

HUNNIC ARMY

10,000 TROOPS, INCLUDING A LARGE CONTINGENT OF FAST-ATTACKING HORSE ARCHERS, SOME INFANTRY AND SIEGE ENGINES.

STRATEGY

WHAT COURSE OF ACTION DO YOU CHOOSE?

I HOLD THE LINE!
II CHARGE!
III FALL BACK!

35

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